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| <b>Form 5500</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security<br>Administration<br><br>Pension Benefit Guaranty Corporation | <b>Annual Return/Report of Employee Benefit Plan</b><br><br>This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).<br><br>▶ <b>Complete all entries in accordance with the instructions to the Form 5500.</b> | OMB Nos. 1210-0110<br>1210-0089<br><br><b>2022</b><br><br><b>This Form is Open to Public Inspection</b> |
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|                                                                                                        |                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I</b>                                                                                          | <b>Annual Report Identification Information</b>                                                                                                                                                                                                                                                                                            |
| For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022             |                                                                                                                                                                                                                                                                                                                                            |
| <b>A</b> This return/report is for:                                                                    | <input type="checkbox"/> a multiemployer plan <input type="checkbox"/> a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)<br><input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a DFE (specify) _____ |
| <b>B</b> This return/report is:                                                                        | <input type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report<br><input type="checkbox"/> an amended return/report <input type="checkbox"/> a short plan year return/report (less than 12 months)                                                                                                      |
| <b>C</b> If the plan is a collectively-bargained plan, check here. ....                                | ▶ <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                 |
| <b>D</b> Check box if filing under:                                                                    | <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> the DFVC program<br><input type="checkbox"/> special extension (enter description)                                                                                                                                     |
| <b>E</b> If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. .... | ▶ <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                 |

|                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                           |
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| <b>Part II</b>                                                                                                                                                                                                                                                                                                                                              | <b>Basic Plan Information</b> —enter all requested information                                                                                                                            |
| <b>1a</b> Name of plan<br>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED                                                                                                                                                                                                                                                                  | <b>1b</b> Three-digit plan number (PN) ▶ 001                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                             | <b>1c</b> Effective date of plan<br>01/01/2004                                                                                                                                            |
| <b>2a</b> Plan sponsor's name (employer, if for a single-employer plan)<br>Mailing address (include room, apt., suite no. and street, or P.O. Box)<br>City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)<br>AMGEN MANUFACTURING, LIMITED<br><br>PO BOX 4060, ROAD 31, KM 24.6<br>JUNCOS, PR 00777-4060 | <b>2b</b> Employer Identification Number (EIN)<br>98-0210484<br><br><b>2c</b> Plan Sponsor's telephone number<br>787-734-2000<br><br><b>2d</b> Business code (see instructions)<br>325410 |

**Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.**

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

|                  |                                                   |            |                                                              |
|------------------|---------------------------------------------------|------------|--------------------------------------------------------------|
| <b>SIGN HERE</b> | Filed with authorized/valid electronic signature. | 10/05/2023 | VINCE BRIGANDI                                               |
|                  | Signature of plan administrator                   | Date       | Enter name of individual signing as plan administrator       |
| <b>SIGN HERE</b> |                                                   |            |                                                              |
|                  | Signature of employer/plan sponsor                | Date       | Enter name of individual signing as employer or plan sponsor |
| <b>SIGN HERE</b> |                                                   |            |                                                              |
|                  | Signature of DFE                                  | Date       | Enter name of individual signing as DFE                      |

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)  
v. 220413

|                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor                                                                                                                                                                                                                                                                                                                   |  | <b>3b</b> Administrator's EIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>3c</b> Administrator's telephone number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>4</b> If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:<br><b>a</b> Sponsor's name<br><b>c</b> Plan Name                                                                                                                                     |  | <b>4b</b> EIN<br><br><b>4d</b> PN                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>5</b> Total number of participants at the beginning of the plan year                                                                                                                                                                                                                                                                                                                                                    |  | <div style="display: flex; justify-content: space-between;"> <span><b>5</b></span> <span>3197</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ).                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>a(1)</b> Total number of active participants at the beginning of the plan year .....                                                                                                                                                                                                                                                                                                                                    |  | <div style="display: flex; justify-content: space-between;"> <span><b>6a(1)</b></span> <span>2614</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>a(2)</b> Total number of active participants at the end of the plan year .....                                                                                                                                                                                                                                                                                                                                          |  | <div style="display: flex; justify-content: space-between;"> <span><b>6a(2)</b></span> <span>2713</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>b</b> Retired or separated participants receiving benefits .....                                                                                                                                                                                                                                                                                                                                                        |  | <div style="display: flex; justify-content: space-between;"> <span><b>6b</b></span> <span>109</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>c</b> Other retired or separated participants entitled to future benefits.....                                                                                                                                                                                                                                                                                                                                          |  | <div style="display: flex; justify-content: space-between;"> <span><b>6c</b></span> <span>478</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> .....                                                                                                                                                                                                                                                                                                                                                |  | <div style="display: flex; justify-content: space-between;"> <span><b>6d</b></span> <span>3300</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. ....                                                                                                                                                                                                                                                                                                                 |  | <div style="display: flex; justify-content: space-between;"> <span><b>6e</b></span> <span>7</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> .....                                                                                                                                                                                                                                                                                                                                                                    |  | <div style="display: flex; justify-content: space-between;"> <span><b>6f</b></span> <span>3307</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>g</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....                                                                                                                                                                                                                                                                             |  | <div style="display: flex; justify-content: space-between;"> <span><b>6g</b></span> <span>3300</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....                                                                                                                                                                                                                                                                                  |  | <div style="display: flex; justify-content: space-between;"> <span><b>6h</b></span> <span>31</span> </div>                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....                                                                                                                                                                                                                                                                                       |  | <div style="display: flex; justify-content: space-between;"> <span><b>7</b></span> </div>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>8a</b> If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:<br>2E 2F 2G 2R 3C 2S 2T 3H                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>b</b> If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>9a</b> Plan funding arrangement (check all that apply)<br>(1) <input type="checkbox"/> Insurance<br>(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts<br>(3) <input checked="" type="checkbox"/> Trust<br>(4) <input type="checkbox"/> General assets of the sponsor                                                                                                                              |  | <b>9b</b> Plan benefit arrangement (check all that apply)<br>(1) <input type="checkbox"/> Insurance<br>(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts<br>(3) <input checked="" type="checkbox"/> Trust<br>(4) <input type="checkbox"/> General assets of the sponsor                                                                                                                                                                                                                  |
| <b>10</b> Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>a Pension Schedules</b><br>(1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)<br><br>(2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary<br><br>(3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary |  | <b>b General Schedules</b><br>(1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information)<br>(2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan)<br>(3) <input type="checkbox"/> <b>0 A</b> (Insurance Information)<br>(4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information)<br>(5) <input checked="" type="checkbox"/> <b>D</b> (DFE/Participating Plan Information)<br>(6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules) |

**Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)**

**11a** If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

**11b** Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

**11c** Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code \_\_\_\_\_

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             |                                         |
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| <div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury<br/>Internal Revenue Service</div> <div>Department of Labor<br/>Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div> | <div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div> | OMB No. 1210-0110                       |
|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             | 2022                                    |
|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             | This Form is Open to Public Inspection. |

|                                                                                            |                                                      |     |
|--------------------------------------------------------------------------------------------|------------------------------------------------------|-----|
| For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022 |                                                      |     |
| A Name of plan<br>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED         | B Three-digit plan number (PN) ▶                     | 001 |
|                                                                                            |                                                      |     |
| C Plan sponsor's name as shown on line 2a of Form 5500<br>AMGEN MANUFACTURING, LIMITED     | D Employer Identification Number (EIN)<br>98-0210484 |     |

|        |                                                 |
|--------|-------------------------------------------------|
| Part I | Service Provider Information (see instructions) |
|--------|-------------------------------------------------|

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| (b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
| WELLS FARGO                                                                                                |
| 52-2250965                                                                                                 |

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| (b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
| ALTRINSIC GLOBAL ADVISORS, LLC                                                                             |
| 30-0016268                                                                                                 |

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| (b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
| METROPOLITAN WEST ASSET MGMT, LLC                                                                          |
| 95-2642764                                                                                                 |

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| (b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
| GALLIARD CAPITAL                                                                                           |
| 41-1813702                                                                                                 |

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**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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**(b)** Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MERRILL LYNCH FENNER & SMITH

13-5674085

| (b)<br>Service Code(s)        | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|-------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 15 28 25<br>37 38 50<br>51 64 | RECORDKEEPER                                                                                      | 140102                                                                 | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

ARROWMARK PARTNERS

39-2068140

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 138597                                                                 | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

SUSTAINABLE GROWTH ADVISERS LP

05-0571266

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51 68               | NONE                                                                                              | 129490                                                                 | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

VULCAN VALUE PARTNERS

39-2051712

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 105178                                                                 | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                  | Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |                                                                                                                                                                                 | Yes <input type="checkbox"/> No <input type="checkbox"/>                                     |

(a) Enter name and EIN or address (see instructions)

SNYDER CAPITAL MANAGEMENT L.P.

04-3370184

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 103941                                                                 | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

PZENA INVESTMENT MANAGEMENT

13-3860154

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 83087                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ARISTOTLE CAPITAL MANAGEMENT

47-1867873

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 80597                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

SANDS CAPITAL MANAGEMENT, LLC

20-2830751

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 56973                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

NORTHERN TRUST COMPANY

36-1561860

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 25 28 50<br>52 62      | TRUSTEE/<br>CUSTODIAN                                                                             | 53761                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

**2. Information on Other Service Providers Receiving Direct or Indirect Compensation.** Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

GALLIARD CAPITAL MGMT, INC.

41-1813702

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 46867                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

WELLINGTON TRUST COMPANY

04-2755549

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 28 51                  | NONE                                                                                              | 23238                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                          |

(a) Enter name and EIN or address (see instructions)

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                        |                                                                                                   |                                                                        | Yes <input type="checkbox"/> No <input type="checkbox"/>                                             | Yes <input type="checkbox"/> No <input type="checkbox"/>                                                                       |                                                                                                                                                                                 | Yes <input type="checkbox"/> No <input type="checkbox"/>                                     |

**Part I Service Provider Information (continued)**

**3.** If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

| (a) Enter service provider name as it appears on line 2             | (b) Service Codes<br>(see instructions)                                                                                                                            | (c) Enter amount of indirect compensation |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|                                                                     |                                                                                                                                                                    |                                           |
| (d) Enter name and EIN (address) of source of indirect compensation | (e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |                                           |
|                                                                     |                                                                                                                                                                    |                                           |
| (a) Enter service provider name as it appears on line 2             | (b) Service Codes<br>(see instructions)                                                                                                                            | (c) Enter amount of indirect compensation |
|                                                                     |                                                                                                                                                                    |                                           |
| (d) Enter name and EIN (address) of source of indirect compensation | (e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |                                           |
|                                                                     |                                                                                                                                                                    |                                           |
| (a) Enter service provider name as it appears on line 2             | (b) Service Codes<br>(see instructions)                                                                                                                            | (c) Enter amount of indirect compensation |
|                                                                     |                                                                                                                                                                    |                                           |
| (d) Enter name and EIN (address) of source of indirect compensation | (e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. |                                           |
|                                                                     |                                                                                                                                                                    |                                           |

**Part II Service Providers Who Fail or Refuse to Provide Information**

**4** Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

| (a) Enter name and EIN or address of service provider (see instructions) | (b) Nature of Service Code(s) | (c) Describe the information that the service provider failed or refused to provide |
|--------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|
|                                                                          |                               |                                                                                     |
| (a) Enter name and EIN or address of service provider (see instructions) | (b) Nature of Service Code(s) | (c) Describe the information that the service provider failed or refused to provide |
|                                                                          |                               |                                                                                     |
| (a) Enter name and EIN or address of service provider (see instructions) | (b) Nature of Service Code(s) | (c) Describe the information that the service provider failed or refused to provide |
|                                                                          |                               |                                                                                     |
| (a) Enter name and EIN or address of service provider (see instructions) | (b) Nature of Service Code(s) | (c) Describe the information that the service provider failed or refused to provide |
|                                                                          |                               |                                                                                     |
| (a) Enter name and EIN or address of service provider (see instructions) | (b) Nature of Service Code(s) | (c) Describe the information that the service provider failed or refused to provide |
|                                                                          |                               |                                                                                     |
| (a) Enter name and EIN or address of service provider (see instructions) | (b) Nature of Service Code(s) | (c) Describe the information that the service provider failed or refused to provide |
|                                                                          |                               |                                                                                     |

**Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)**  
(complete as many entries as needed)

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                                                                                                                                                                                                               |                                                                                                                                                                                                                              |                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SCHEDULE D</b><br><b>(Form 5500)</b><br><br><small>Department of the Treasury<br/>Internal Revenue Service</small><br><br><small>Department of Labor<br/>Employee Benefits Security Administration</small> | <b>DFE/Participating Plan Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).<br><br><b>► File as an attachment to Form 5500.</b> | OMB No. 1210-0110<br><br><div style="text-align: center; font-size: 1.2em; font-weight: bold;">2022</div><br><br><b>This Form is Open to Public Inspection.</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                             |                                                                    |            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------|
| For calendar plan year 2022 or fiscal plan year beginning <b>01/01/2022</b> and ending <b>12/31/2022</b>    |                                                                    |            |
| <b>A</b> Name of plan<br><b>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED</b>            | <b>B</b> Three-digit plan number (PN) <b>►</b>                     | <b>001</b> |
|                                                                                                             |                                                                    |            |
| <b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500<br><b>AMGEN MANUFACTURING, LIMITED</b> | <b>D</b> Employer Identification Number (EIN)<br><b>98-0210484</b> |            |

|               |                                                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I</b> | <b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b><br>(Complete as many entries as needed to report all interests in DFEs) |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                            |                               |                                                                                                                      |
|--------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>FTSE RAFI EMERGING INDEX NL FUND F</b>   |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>BLACKROCK INSTITUTIONAL TRUST CO.</b> |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>46-2767068-001</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>8859</b>      |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>COLTV DAILY AGGREGATE BOND INDEX FD</b>  |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>NORTHERN TRUST COMPANY</b>            |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>45-6138589-088</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>113116881</b> |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>COLTV SHORT TERM INVESTMENT FUND</b>     |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>NORTHERN TRUST COMPANY</b>            |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>45-6138589-084</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>6930729</b>   |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>COLTV EXTENDED MSCI ACWI NL FUND</b>     |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>NORTHERN TRUST COMPANY</b>            |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>45-6138589-117</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>21674049</b>  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>GQG PARTNERS INTERNATIONAL EQUITY C</b>  |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>RELIANCE TRUST COMPANY</b>            |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>82-6253445-011</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>10887388</b>  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>GALLIARD STABLE RETURN FUND W</b>        |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>SEI TRUST COMPANY</b>                 |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>47-6524425-001</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>75788056</b>  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <b>METLIFE CORE PLUS COLLECTIVE TRUST</b>   |                               |                                                                                                                      |
| <b>b</b> Name of sponsor of entity listed in (a): <b>METLIFE INVESTMENT MANAGEMENT</b>     |                               |                                                                                                                      |
| <b>c</b> EIN-PN <b>47-2237461-002</b>                                                      | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>8546360</b>   |

|                                                                                    |                        |                                                                                                              |
|------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: SCHRODER GLOBAL STRATEGIC BOND TRST |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): SCHRODER INVESTMENT MANAGEMENT   |                        |                                                                                                              |
| <b>c</b> EIN-PN 84-2579090-015                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2718888  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: WELLINGTON CORE BOND PLUS CIT II    |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): WELLINGTON                       |                        |                                                                                                              |
| <b>c</b> EIN-PN 04-6913417-004                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8524740  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: JENNISON INTL EQUITY OPP CIT        |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): WILMINGTON TRUST                 |                        |                                                                                                              |
| <b>c</b> EIN-PN 38-4139857-011                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7870129  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM ABSOLUTE RETURN FIXED INCOME |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST CO LLC    |                        |                                                                                                              |
| <b>c</b> EIN-PN 26-2407878-270                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2712610  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: COLTV MSCI ACWI EX-US INDEX NL FUND |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): NORTHERN TRUST COMPANY           |                        |                                                                                                              |
| <b>c</b> EIN-PN 45-6138589-103                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3243062  |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: RUSSELL 3000 INDEX FUND             |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): NORTHERN TRUST COMPANY           |                        |                                                                                                              |
| <b>c</b> EIN-PN 45-6138589-097                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 82221703 |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: MAWER INTL EQUITY COLTV FUND        |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): GLOBAL TRUST COMPANY             |                        |                                                                                                              |
| <b>c</b> EIN-PN 38-7140710-001                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14314908 |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: POLARIS CIT INTL VALUE COLTV FUND   |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a): GLOBAL TRUST COMPANY             |                        |                                                                                                              |
| <b>c</b> EIN-PN 61-6556739-001                                                     | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14170766 |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:                                     |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a):                                  |                        |                                                                                                              |
| <b>c</b> EIN-PN                                                                    | <b>d</b> Entity code   | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)          |
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:                                     |                        |                                                                                                              |
| <b>b</b> Name of sponsor of entity listed in (a):                                  |                        |                                                                                                              |
| <b>c</b> EIN-PN                                                                    | <b>d</b> Entity code   | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)          |

**Part II** **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
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plan sponsor**c** EIN-PN

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                              |                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>SCHEDULE H</b><br><b>(Form 5500)</b><br><br><small>Department of the Treasury<br/>Internal Revenue Service</small><br><br><small>Department of Labor<br/>Employee Benefits Security Administration</small><br><br><small>Pension Benefit Guaranty Corporation</small> | <b>Financial Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).<br><br><b>► File as an attachment to Form 5500.</b> | OMB No. 1210-0110<br><br><b>2022</b><br><br><b>This Form is Open to Public Inspection</b> |
| For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |                                                                                           |
| <b>A</b> Name of plan<br><u>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED</u>                                                                                                                                                                         |                                                                                                                                                                                                                                                                              | <b>B</b> Three-digit plan number (PN) <u>001</u>                                          |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br><u>AMGEN MANUFACTURING, LIMITED</u>                                                                                                                                                                     |                                                                                                                                                                                                                                                                              | <b>D</b> Employer Identification Number (EIN)<br><u>98-0210484</u>                        |

| Part I Asset and Liability Statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                       |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|-----------------|
| <b>1</b> Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. <b>Round off amounts to the nearest dollar.</b> MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions. |                 |                       |                 |
| Assets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | (a) Beginning of Year | (b) End of Year |
| <b>a</b> Total noninterest-bearing cash.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>1a</b>       |                       |                 |
| <b>b</b> Receivables (less allowance for doubtful accounts):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                       |                 |
| <b>(1)</b> Employer contributions.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>1b(1)</b>    |                       |                 |
| <b>(2)</b> Participant contributions.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>1b(2)</b>    |                       |                 |
| <b>(3)</b> Other.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>1b(3)</b>    | 469779                | 395402          |
| <b>c</b> General investments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                       |                 |
| <b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1c(1)</b>    | 4231214               | 200285          |
| <b>(2)</b> U.S. Government securities .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>1c(2)</b>    |                       |                 |
| <b>(3)</b> Corporate debt instruments (other than employer securities):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                       |                 |
| <b>(A)</b> Preferred .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>1c(3)(A)</b> |                       |                 |
| <b>(B)</b> All other .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>1c(3)(B)</b> |                       |                 |
| <b>(4)</b> Corporate stocks (other than employer securities):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                       |                 |
| <b>(A)</b> Preferred .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>1c(4)(A)</b> |                       |                 |
| <b>(B)</b> Common.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>1c(4)(B)</b> | 141711839             | 101755093       |
| <b>(5)</b> Partnership/joint venture interests .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>1c(5)</b>    |                       |                 |
| <b>(6)</b> Real estate (other than employer real property) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>1c(6)</b>    |                       |                 |
| <b>(7)</b> Loans (other than to participants).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>1c(7)</b>    |                       |                 |
| <b>(8)</b> Participant loans.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>1c(8)</b>    | 14995778              | 15315527        |
| <b>(9)</b> Value of interest in common/collective trusts.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>1c(9)</b>    | 410998784             | 372729128       |
| <b>(10)</b> Value of interest in pooled separate accounts .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1c(10)</b>   |                       |                 |
| <b>(11)</b> Value of interest in master trust investment accounts.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>1c(11)</b>   |                       |                 |
| <b>(12)</b> Value of interest in 103-12 investment entities .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>1c(12)</b>   |                       |                 |
| <b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>1c(13)</b>   | 7440054               | 8345597         |
| <b>(14)</b> Value of funds held in insurance company general account (unallocated contracts).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>1c(14)</b>   |                       |                 |
| <b>(15)</b> Other .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>1c(15)</b>   | 12990251              | 8311430         |

| <b>1d</b> Employer-related investments:                              |              | (a) Beginning of Year | (b) End of Year |
|----------------------------------------------------------------------|--------------|-----------------------|-----------------|
| (1) Employer securities .....                                        | <b>1d(1)</b> | 92566483              | 103662409       |
| (2) Employer real property .....                                     | <b>1d(2)</b> |                       |                 |
| <b>e</b> Buildings and other property used in plan operation .....   | <b>1e</b>    |                       |                 |
| <b>f</b> Total assets (add all amounts in lines 1a through 1e) ..... | <b>1f</b>    | 685404182             | 610714871       |

**Liabilities**

|                                                                           |           |        |        |
|---------------------------------------------------------------------------|-----------|--------|--------|
| <b>g</b> Benefit claims payable .....                                     | <b>1g</b> |        |        |
| <b>h</b> Operating payables .....                                         | <b>1h</b> |        |        |
| <b>i</b> Acquisition indebtedness .....                                   | <b>1i</b> |        |        |
| <b>j</b> Other liabilities .....                                          | <b>1j</b> | 404824 | 462064 |
| <b>k</b> Total liabilities (add all amounts in lines 1g through 1j) ..... | <b>1k</b> | 404824 | 462064 |

**Net Assets**

|                                                           |           |           |           |
|-----------------------------------------------------------|-----------|-----------|-----------|
| <b>l</b> Net assets (subtract line 1k from line 1f) ..... | <b>1l</b> | 684999358 | 610252807 |
|-----------------------------------------------------------|-----------|-----------|-----------|

**Part II Income and Expense Statement**

**2** Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

**Income**

|                                                                                                            |                 | (a) Amount | (b) Total |
|------------------------------------------------------------------------------------------------------------|-----------------|------------|-----------|
| <b>a Contributions:</b>                                                                                    |                 |            |           |
| (1) Received or receivable in cash from: <b>(A)</b> Employers .....                                        | <b>2a(1)(A)</b> | 20160074   |           |
| <b>(B)</b> Participants .....                                                                              | <b>2a(1)(B)</b> | 19306766   |           |
| <b>(C)</b> Others (including rollovers) .....                                                              | <b>2a(1)(C)</b> | 521004     |           |
| (2) Noncash contributions .....                                                                            | <b>2a(2)</b>    |            |           |
| (3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> ..... | <b>2a(3)</b>    |            | 39987844  |
| <b>b Earnings on investments:</b>                                                                          |                 |            |           |
| (1) Interest:                                                                                              |                 |            |           |
| <b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit) .....       | <b>2b(1)(A)</b> | 13329      |           |
| <b>(B)</b> U.S. Government securities .....                                                                | <b>2b(1)(B)</b> |            |           |
| <b>(C)</b> Corporate debt instruments .....                                                                | <b>2b(1)(C)</b> |            |           |
| <b>(D)</b> Loans (other than to participants) .....                                                        | <b>2b(1)(D)</b> |            |           |
| <b>(E)</b> Participant loans .....                                                                         | <b>2b(1)(E)</b> | 682956     |           |
| <b>(F)</b> Other .....                                                                                     | <b>2b(1)(F)</b> | 53838      |           |
| <b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....                              | <b>2b(1)(G)</b> |            | 750123    |
| (2) Dividends: <b>(A)</b> Preferred stock .....                                                            | <b>2b(2)(A)</b> |            |           |
| <b>(B)</b> Common stock .....                                                                              | <b>2b(2)(B)</b> | 4169986    |           |
| <b>(C)</b> Registered investment company shares (e.g. mutual funds) .....                                  | <b>2b(2)(C)</b> | 179972     |           |
| <b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....                  | <b>2b(2)(D)</b> |            | 4349958   |
| (3) Rents .....                                                                                            | <b>2b(3)</b>    |            |           |
| (4) Net gain (loss) on sale of assets: <b>(A)</b> Aggregate proceeds .....                                 | <b>2b(4)(A)</b> | 61493783   |           |
| <b>(B)</b> Aggregate carrying amount (see instructions) .....                                              | <b>2b(4)(B)</b> | 76681789   |           |
| <b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result .....                  | <b>2b(4)(C)</b> |            | -15188006 |
| (5) Unrealized appreciation (depreciation) of assets: <b>(A)</b> Real estate .....                         | <b>2b(5)(A)</b> |            |           |
| <b>(B)</b> Other .....                                                                                     | <b>2b(5)(B)</b> | -12456762  |           |
| <b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....         | <b>2b(5)(C)</b> |            | -12456762 |

|                                                                                                 |        | (a) Amount | (b) Total |
|-------------------------------------------------------------------------------------------------|--------|------------|-----------|
| (6) Net investment gain (loss) from common/collective trusts .....                              | 2b(6)  |            | -40389084 |
| (7) Net investment gain (loss) from pooled separate accounts .....                              | 2b(7)  |            |           |
| (8) Net investment gain (loss) from master trust investment accounts .....                      | 2b(8)  |            |           |
| (9) Net investment gain (loss) from 103-12 investment entities.....                             | 2b(9)  |            |           |
| (10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) ..... | 2b(10) |            | -9511047  |
| c Other income .....                                                                            | 2c     |            | -5599865  |
| d Total income. Add all <b>income</b> amounts in column (b) and enter total .....               | 2d     |            | -38056839 |
| <b>Expenses</b>                                                                                 |        |            |           |
| e Benefit payment and payments to provide benefits:                                             |        |            |           |
| (1) Directly to participants or beneficiaries, including direct rollovers .....                 | 2e(1)  | 35673066   |           |
| (2) To insurance carriers for the provision of benefits .....                                   | 2e(2)  |            |           |
| (3) Other .....                                                                                 | 2e(3)  |            |           |
| (4) Total benefit payments. Add lines 2e(1) through (3) .....                                   | 2e(4)  |            | 35673066  |
| f Corrective distributions (see instructions) .....                                             | 2f     |            |           |
| g Certain deemed distributions of participant loans (see instructions) .....                    | 2g     |            | 80825     |
| h Interest expense .....                                                                        | 2h     |            |           |
| i Administrative expenses: (1) Professional fees .....                                          | 2i(1)  |            |           |
| (2) Contract administrator fees .....                                                           | 2i(2)  |            |           |
| (3) Investment advisory and management fees .....                                               | 2i(3)  | 797441     |           |
| (4) Other .....                                                                                 | 2i(4)  | 138380     |           |
| (5) Total administrative expenses. Add lines 2i(1) through (4) .....                            | 2i(5)  |            | 935821    |
| j Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....            | 2j     |            | 36689712  |
| <b>Net Income and Reconciliation</b>                                                            |        |            |           |
| k Net income (loss). Subtract line 2j from line 2d .....                                        | 2k     |            | -74746551 |
| l Transfers of assets:                                                                          |        |            |           |
| (1) To this plan .....                                                                          | 2l(1)  |            |           |
| (2) From this plan .....                                                                        | 2l(2)  |            |           |

**Part III Accountant's Opinion**

**3** Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

**a** The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

**b** Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

**c** Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG

(2) EIN: 03-4656596

**d** The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

**Part IV Compliance Questions**

**4** CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

**a** Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.) .....

|    | Yes | No | Amount |
|----|-----|----|--------|
| 4a |     | X  |        |

|                                                                                                                                                                                                                                                                                                            | Yes | No | Amount  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|---------|
| <b>b</b> Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.) |     |    |         |
| <b>4b</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)                                                                                                                             |     |    |         |
| <b>4c</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)                                                                                                                  |     |    |         |
| <b>4d</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>e</b> Was this plan covered by a fidelity bond?                                                                                                                                                                                                                                                         | X   |    | 2000000 |
| <b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?                                                                                                                                                                          |     | X  |         |
| <b>4f</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>g</b> Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?                                                                                                                                       |     |    |         |
| <b>4g</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>h</b> Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?                                                                                                                             |     |    |         |
| <b>4h</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)                                                                                                                                                   | X   |    |         |
| <b>4i</b>                                                                                                                                                                                                                                                                                                  | X   |    |         |
| <b>j</b> Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)                                                                                     |     |    |         |
| <b>4j</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?                                                                                                                                              |     |    |         |
| <b>4k</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>l</b> Has the plan failed to provide any benefit when due under the plan?                                                                                                                                                                                                                               |     |    |         |
| <b>4l</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)                                                                                                                                                                                     |     |    |         |
| <b>4m</b>                                                                                                                                                                                                                                                                                                  |     | X  |         |
| <b>n</b> If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.                                                                                                                        |     |    |         |
| <b>4n</b>                                                                                                                                                                                                                                                                                                  |     |    |         |

**5a** Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No  
If "Yes," enter the amount of any plan assets that reverted to the employer this year \_\_\_\_\_.

**5b** If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

| 5b(1) Name of plan(s) | 5b(2) EIN(s) | 5b(3) PN(s) |
|-----------------------|--------------|-------------|
|                       |              |             |
|                       |              |             |
|                       |              |             |
|                       |              |             |

**5c** Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year \_\_\_\_\_.

|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <div>SCHEDULE R<br/>(Form 5500)<br/><br/>Department of the Treasury<br/>Internal Revenue Service<br/><br/>Department of Labor<br/>Employee Benefits Security Administration<br/><br/>Pension Benefit Guaranty Corporation</div>                                                                                                                            | <div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>► File as an attachment to Form 5500.</div> | <div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div> |
| For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| A Name of plan<br>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                  | B Three-digit plan number (PN) ► 001                                                            |
| C Plan sponsor's name as shown on line 2a of Form 5500<br>AMGEN MANUFACTURING, LIMITED                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                  | D Employer Identification Number (EIN)<br>98-0210484                                            |
| Part I Distributions                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| All references to distributions relate only to payments of benefits during the plan year.                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                  | 1 0                                                                                             |
| 2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):<br><br>EIN(s): 13-1426500                                                                                                       |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                  | 3                                                                                               |
| Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A<br>If the plan is a defined benefit plan, go to line 8.                                                                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____<br>If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.       |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                  | 6a                                                                                              |
| b Enter the amount contributed by the employer to the plan for this plan year.....                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                  | 6b                                                                                              |
| c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                  | 6c                                                                                              |
| If you completed line 6c, skip lines 8 and 9.                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Part III Amendments                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... <input type="checkbox"/> Increase <input type="checkbox"/> Decrease <input type="checkbox"/> Both <input type="checkbox"/> No          |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| 11 a Does the ESOP hold any preferred stock?.....                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| 12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| For Paperwork Reduction Act Notice, see the Instructions for Form 5500.                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Schedule R (Form 5500) 2022 v. 220413                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                  |                                                                                                 |

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

**13** Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): \_\_\_\_\_

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): \_\_\_\_\_

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): \_\_\_\_\_

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): \_\_\_\_\_

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): \_\_\_\_\_

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

**d** Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**e** Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): \_\_\_\_\_

|           |                                                                                                                                                                                                                                                                                                                        |            |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>14</b> | Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:                                                                                                             |            |
| <b>a</b>  | The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment)..... | <b>14a</b> |
| <b>b</b>  | The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....                                                                                                | <b>14b</b> |
| <b>c</b>  | The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....                                                                                                                           | <b>14c</b> |
| <b>15</b> | Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:                                                                                                                                           |            |
| <b>a</b>  | The corresponding number for the plan year immediately preceding the current plan year.....                                                                                                                                                                                                                            | <b>15a</b> |
| <b>b</b>  | The corresponding number for the second preceding plan year.....                                                                                                                                                                                                                                                       | <b>15b</b> |
| <b>16</b> | Information with respect to any employers who withdrew from the plan during the preceding plan year:                                                                                                                                                                                                                   |            |
| <b>a</b>  | Enter the number of employers who withdrew during the preceding plan year .....                                                                                                                                                                                                                                        | <b>16a</b> |
| <b>b</b>  | If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....                                                                                                                                                           | <b>16b</b> |
| <b>17</b> | If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ..... <input type="checkbox"/>                                                                   |            |

**Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans**

**18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ..... ☐

**19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

**a** Enter the percentage of plan assets held as:  
 Stock: \_\_\_\_\_% Investment-Grade Debt: \_\_\_\_\_% High-Yield Debt: \_\_\_\_\_% Real Estate: \_\_\_\_\_% Other: \_\_\_\_\_%

**b** Provide the average duration of the combined investment-grade and high-yield debt:  
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

**c** What duration measure was used to calculate line 19(b)?  
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): \_\_\_\_\_

**20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

**a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

**b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation \_\_\_\_\_

FINANCIAL STATEMENTS AND  
SUPPLEMENTAL SCHEDULE

The Retirement and Savings Plan for  
Amgen Manufacturing, Limited  
Year Ended December 31, 2022  
With Report of Independent Auditors

The Retirement and Savings Plan for  
Amgen Manufacturing, Limited

Audited Financial Statements  
and Supplemental Schedule

Year Ended December 31, 2022

**Contents**

|                                                                                                         |    |
|---------------------------------------------------------------------------------------------------------|----|
| Report of Independent Auditors .....                                                                    | 1  |
| <b>Audited Financial Statements:</b>                                                                    |    |
| Statements of Net Assets Available for Benefits at December 31, 2022 and 2021 .....                     | 4  |
| Statement of Changes in Net Assets Available for Benefits for the years ended<br>December 31, 2022..... | 5  |
| Notes to Financial Statements.....                                                                      | 6  |
| <b>Supplemental Schedule:</b>                                                                           |    |
| Schedule of Assets (Held at End of Year) .....                                                          | 12 |



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## **Report of Independent Auditors**

To the Plan Participants and the Plan Administrator of The Retirement and Savings Plan for Amgen Manufacturing, Limited

### **Opinion**

We have audited the financial statements of The Retirement and Savings Plan for Amgen Manufacturing, Limited (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan at December 31, 2022 and 2021, and the changes in its net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America.

### **Basis for Opinion**

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor’s Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan’s ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

### **Auditor's Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.



### **Supplemental Schedule Required by ERISA**

Our audits were conducted for the purpose of forming an opinion of the financial statements as a whole. The supplemental schedule of assets (held at end of year) as of December 31, 2022, (referred to as the “supplemental schedule”), is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the supplemental schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA.

*Ernst & Young LLP*

June 14, 2023

**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**Statements of Net Assets Available for Benefits**

|                                          | December 31,                 |                              |
|------------------------------------------|------------------------------|------------------------------|
|                                          | 2022                         | 2021                         |
| <b>Assets</b>                            |                              |                              |
| Investments at fair value                | \$ 595,003,942               | \$ 669,938,625               |
| Notes receivable from participants       | 16,068,774                   | 15,668,200                   |
| Other – principally due from broker      | 395,402                      | 469,779                      |
| Total assets                             | 611,468,118                  | 686,076,604                  |
| <b>Liabilities</b>                       |                              |                              |
| Other – principally due to broker        | 462,064                      | 404,824                      |
| Total liabilities                        | 462,064                      | 404,824                      |
| <b>Net assets available for benefits</b> | <u><u>\$ 611,006,054</u></u> | <u><u>\$ 685,671,780</u></u> |

*See accompanying notes.*

**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**Statement of Changes in Net Assets Available for Benefits**

|                                                        | <b>Year Ended<br/>December 31,<br/>2022</b> |
|--------------------------------------------------------|---------------------------------------------|
| Additions to (deductions from) net assets:             |                                             |
| Employer contributions                                 | \$ 20,160,074                               |
| Participant contributions                              | 19,306,766                                  |
| Rollover contributions                                 | 521,004                                     |
| Interest and dividend income                           | 5,053,185                                   |
| Net realized/unrealized losses                         | (83,780,824)                                |
| Interest income on notes receivable from participants  | 682,956                                     |
| Benefits paid                                          | (35,673,066)                                |
| Investment and administrative fees                     | (935,821)                                   |
| Net decrease                                           | (74,665,726)                                |
| Net assets available for benefits at beginning of year | 685,671,780                                 |
| Net assets available for benefits at end of year       | <u>\$ 611,006,054</u>                       |

*See accompanying notes.*

**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**Notes to Financial Statements**  
**December 31, 2022**

**1. Description of the Plan**

The following description of The Retirement and Savings Plan for Amgen Manufacturing, Limited (the Plan) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

*General*

The Plan was established effective May 1, 1992, and was amended and restated effective January 1, 2017, and subsequently amended, with the most recent amendment adopted on December 13, 2021. The Plan is a defined contribution plan covering substantially all Puerto Rico resident employees of Amgen Manufacturing, Limited (the Company), a wholly owned subsidiary of Amgen Inc. (Amgen). The Plan is intended to qualify under Section 1081.01 of the Puerto Rico Internal Revenue Code of 2011, as amended (the PR Code) (see Note 4, *Income Tax Status*) and section 407(d)(3)(A) of the Employee Retirement Income Security Act of 1974 (ERISA).

*Contributions*

Subject to certain limitations (as defined in the Plan), participants may elect to contribute up to 30% of their eligible compensation in pre-tax contributions and after-tax contributions or a combination of these types of contributions (together, Individual Contributions). A participant's pre-tax contributions are subject to the PR Code and Plan limitations and could not exceed \$15,000 in 2022. Participants may elect to contribute after-tax contributions beginning January 1 of the year following the year the participant was hired. Participant after-tax contributions are subject to the PR Code and Plan limitations and could not exceed \$1,500 in 2022. Unless an employee has voluntarily enrolled in the Plan or has declined to participate in the Plan within the first 30 days of employment, all newly eligible participants are automatically enrolled in the Plan, and contributions equal to 5% of their eligible compensation are withheld and contributed to the Plan as pre-tax contributions; such contributions are automatically increased by 1% per year until their contributions reach 10% of their eligible compensation. Participants may elect to adjust, cease or resume their Individual Contributions at any time.

Participants who are at least age 50 by the close of the Plan year may also elect to make certain additional pre-tax Individual Contributions, referred to as catch-up contributions, that are subject to the PR Code and Plan limitations and could not exceed \$1,500 in 2022. Participants may also contribute pre-tax and after-tax amounts representing distributions from certain other retirement plans qualified in Puerto Rico, referred to as rollover contributions (as defined in the Plan).

Each pay period, the Company makes a non-elective contribution for all eligible participants, whether or not they have elected to make Individual Contributions to the Plan, equal to 4% of each participant's eligible compensation up to a maximum of \$12,200 in 2022 (Core Contributions). In addition, the Company makes a contribution equal to amounts contributed by the participant as pre-tax contributions, including catch-up contributions, of up to 5% of eligible compensation (Matching Contributions). Matching Contributions could not exceed \$15,000 in 2022.

Participants select the investments in which their Individual Contributions, including their Core Contributions and Matching Contributions (collectively, Company Contributions), are to be invested, electing among various alternatives, including Amgen common stock (Amgen stock). Participants may direct a maximum of 20% of contributions to be invested in Amgen stock. In addition, participants may transfer amounts among the investment options at any time, subject to certain limitations. Notwithstanding the foregoing, if 20% or more of the value of a participant's Plan account is invested in Amgen stock, the Plan document provides that no transfers from other investment options can be made to invest in Amgen stock.

The accounts of participants who had never made an investment election are allocated to investments under a qualified default investment alternative, which is intended to be compliant with ERISA regulations. At any time, participants may elect to alter the investments in their accounts made under a qualified default investment alternative.

## **The Retirement and Savings Plan for Amgen Manufacturing, Limited**

### **Notes to Financial Statements (continued)**

#### *Vesting*

Participants are immediately vested with respect to their Individual Contributions and Matching Contributions and earnings and losses (hereafter referred to as earnings) thereon. Participants hired prior to January 1, 2020, are also immediately vested with respect to their Core Contributions and earnings thereon. Participants hired on or after January 1, 2020, vest in full with respect to their Core Contributions and earnings thereon after three years of service, as defined by the terms of the Plan, or upon reaching age 65 while employed by the Company, if earlier. If a participant ceases to be an employee before fully vesting in their account, the non-vested portion of the participant's account will be treated as a forfeiture, as defined by the terms of the Plan, on the earlier of (a) the date the participant incurs a five-year break in service, as defined by the terms of the Plan or, (b) the date the participant receives a distribution of the entire vested portion of their account.

#### *Participant Accounts*

Each participant's account is credited with: (a) the participant's Individual Contributions; (b) an allocation of Company Contributions; and (c) earnings. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

#### *Plan Investments*

Plan participants can invest in seven different asset classes as well as Amgen stock or can actively manage their account under a self-directed brokerage arrangement in which a wider array of investment options are available. The value of an investment in an asset class is determined by its underlying investment vehicles, which may include one or more of the following: mutual funds, collective trust funds and portfolios, which are separately managed exclusively for the benefit of Plan participants and their beneficiaries (separately managed portfolios). The separately managed portfolios are composed primarily of investments in publicly traded common and preferred stocks. The asset classes are designed to provide participants with choices among a variety of investment objectives.

#### *Payments of Benefits*

Subject to Plan limitations, upon termination of employment, including termination due to disability (as defined in the Plan) or retirement, a participant may elect to receive a full or partial distribution of his or her account balance in: (a) a single payment in cash; (b) a single distribution in full shares of Amgen stock (with any fractional shares paid in cash); (c) a single distribution paid in a combination of cash and full shares of Amgen stock; or (d) a rollover distribution to an eligible retirement plan.

Participants may also elect to maintain their account balance in the Plan subsequent to termination of employment, provided that their account balance is greater than \$1,000.

If a participant dies before receiving the value of his or her account balance, the participant's beneficiary may elect to receive the distribution of remaining funds from among the alternatives described above, subject to certain Plan limitations.

No withdrawals may be made from the Plan while a participant continues to be employed by the Company except in certain circumstances including, but not limited to, financial hardship, disability and attainment of age 59 1/2.

#### *Notes Receivable from Participants*

Subject to certain restrictions, a participant can have up to two loans outstanding at any one time from his or her Plan account with a combined maximum loan amount that may not exceed the lesser of: (a) 50% of the participant's account balance or (b) \$50,000 less certain adjustments, as applicable (as defined in the Plan). A participant's loan is secured by his or her Plan account balance. Loans bear interest at fixed rates which, until changed by the Company, are based on the prime rate plus one percentage point as published in The Wall Street Journal, determined as of the last day of the calendar quarter preceding origination or such other rate as may be required by law. Loans are generally payable in installments over periods ranging from one to five years, unless the loan is used to acquire a principal residence for which the term of the loan may be up to 20 years. Principal and interest payments are allocated to the participant's account.

## **The Retirement and Savings Plan for Amgen Manufacturing, Limited**

### **Notes to Financial Statements (continued)**

#### *Plan Termination*

Although it has not expressed any intent to do so, the Company has the right under the Plan to terminate the Plan subject to the provisions of ERISA. Upon termination, participants would become fully vested in Core Contributions and receive distributions of their account balances.

#### *Trustee and Custodians*

Banco Popular de Puerto Rico is the Plan's trustee. Bank of America, N.A. is the Plan's custodian with respect to the self-directed brokerage arrangement and the Amgen common stock fund. Northern Trust Company, NA (Northern) is the Plan's custodian with respect to the asset classes.

## **2. Summary of Significant Accounting Policies**

#### *Basis of Accounting*

The accompanying financial statements are prepared on the accrual basis of accounting. Benefits to participants are recorded when paid.

#### *Fair Value Measurement*

The investments of the Plan are reported at fair value. Fair value is generally defined as the price that would be received to sell an asset or paid to transfer a liability (the exit price) in an orderly transaction between market participants at the measurement date (see Note 3, *Fair Value Measurements*).

#### *Investment Income and Losses*

Dividend income is recognized on the ex-dividend date, and interest income is recorded on an accrual basis. Unrealized gains and losses on investments are measured by the change in the difference between the fair value and cost of the securities held at the beginning of the year (or date purchased if acquired during the Plan year) and the end of the year. Realized gains and losses from security transactions are recorded based on the weighted-average cost of securities sold.

#### *Notes Receivable from Participants*

Notes receivable from participants are carried at their unpaid balance plus accrued but unpaid interest, as applicable.

#### *Due from/to Brokers*

Purchases and sales of investments are recorded on a trade-date basis. Amounts due from and due to brokers arise from unsettled sale and purchase transactions, respectively.

#### *Use of Estimates*

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (GAAP) requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

#### *Risks and Uncertainties*

The Plan provides for investment options representing varied combinations of equities (including Amgen stock), fixed income, and other investments. Investments, in general, particularly in securities, are exposed to various risks, such as interest rate, inflation, market and credit risks, among others. Market risk includes global events which could impact the value of investments, including securities, such as a pandemic or international conflict. Due to the level of risk associated with certain investments, including securities, it is at least reasonably possible that changes in the values of the Plan's investments, including securities, will occur in the near term and that such changes could materially affect participant account balances and the amounts reported in the Plan's financial statements.

# The Retirement and Savings Plan for Amgen Manufacturing, Limited

## Notes to Financial Statements (continued)

### 3. Fair Value Measurements

The Plan uses various valuation approaches in determining the fair value of investments within a hierarchy that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that observable inputs be used when available. Observable inputs are inputs that market participants would use in pricing the investment based on market data obtained from independent sources. Unobservable inputs are inputs that reflect assumptions about the inputs that market participants would use in pricing the investment and are developed based on the best information available in the circumstances. The fair value hierarchy is divided into three levels based on the source of inputs as follows:

Level 1 – Valuations based on unadjusted quoted prices in active markets for identical investments that the Plan has the ability to access;

Level 2 – Valuations for which all significant inputs are observable, either directly or indirectly, other than Level 1 inputs;

Level 3 – Valuations based on inputs that are unobservable and significant to the overall fair value measurement.

The availability of observable inputs can vary among the various types of investments. To the extent that the valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. In certain cases, the inputs used for measuring fair value may fall into different levels of the fair value hierarchy. In such cases, for financial statement disclosure purposes, the level in the fair value hierarchy within which the fair value measurement is categorized is based on the lowest level of input used that is significant to the overall fair value measurement.

The following fair value hierarchy tables present information about each major class/category of the Plan's investments measured at fair value:

|                                  | <b>Fair value measurements at December 31, 2022, using</b>                                |                                                                      |                                                              |                       |
|----------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------|-----------------------|
|                                  | <b>Quoted prices<br/>in active<br/>markets for<br/>identical<br/>assets<br/>(Level 1)</b> | <b>Significant<br/>other<br/>observable<br/>inputs<br/>(Level 2)</b> | <b>Significant<br/>unobservable<br/>inputs<br/>(Level 3)</b> | <b>Total</b>          |
| Amgen stock                      | \$ 103,662,409                                                                            | \$ —                                                                 | \$ —                                                         | \$ 103,662,409        |
| Cash and cash equivalents        | 200,285                                                                                   | —                                                                    | —                                                            | 200,285               |
| Collective trust funds           | —                                                                                         | 372,729,128                                                          | —                                                            | 372,729,128           |
| Common and preferred stock       | 101,755,093                                                                               | —                                                                    | —                                                            | 101,755,093           |
| Mutual funds                     | 8,345,597                                                                                 | —                                                                    | —                                                            | 8,345,597             |
| Self-directed brokerage accounts | 8,311,430                                                                                 | —                                                                    | —                                                            | 8,311,430             |
| Total investments at fair value  | <u>\$ 222,274,814</u>                                                                     | <u>\$ 372,729,128</u>                                                | <u>\$ —</u>                                                  | <u>\$ 595,003,942</u> |

**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**Notes to Financial Statements (continued)**

| Fair value measurements at December 31, 2021, using |                                                                               |                                                           |                                                    |                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------|-----------------------|
|                                                     | Quoted prices<br>in active<br>markets for<br>identical<br>assets<br>(Level 1) | Significant<br>other<br>observable<br>inputs<br>(Level 2) | Significant<br>unobservable<br>inputs<br>(Level 3) | Total                 |
| Amgen stock                                         | \$ 92,566,483                                                                 | \$ —                                                      | \$ —                                               | \$ 92,566,483         |
| Cash and cash equivalents                           | 4,231,214                                                                     | —                                                         | —                                                  | 4,231,214             |
| Collective trust funds                              | —                                                                             | 410,998,784                                               | —                                                  | 410,998,784           |
| Common and preferred stocks                         | 143,456,396                                                                   | —                                                         | —                                                  | 143,456,396           |
| Mutual funds                                        | 7,440,054                                                                     | —                                                         | —                                                  | 7,440,054             |
| Self-directed brokerage accounts                    | 11,245,694                                                                    | —                                                         | —                                                  | 11,245,694            |
| Total investments at fair value                     | <u>\$ 258,939,841</u>                                                         | <u>\$ 410,998,784</u>                                     | <u>\$ —</u>                                        | <u>\$ 669,938,625</u> |

The fair values of substantially all common stocks (including Amgen stock), preferred stocks, mutual funds and underlying investments of self-directed brokerage accounts are valued using quoted market prices in active markets with no valuation adjustment.

Collective trust funds represent interests in pooled investment vehicles designed typically for collective investment of employee benefit trusts. The fair values of these investments are determined by reference to the net asset value per unit provided by the fund managers as the basis for current transactions.

#### **4. Income Tax Status**

The Plan received an opinion letter from the Puerto Rico Treasury Department (PRTD) dated February 26, 2018, with an effective date of January 1, 2017, stating that the Plan meets the requirements of Section 1081.01 of the PR Code and the regulations thereunder, and, therefore the related trust forming part of the Plan is exempt from taxation. Subsequently, six amendments were made to the Plan, and the Plan received letters from the PRTD stating the PRTD has no objection to the first four of these amendments. The Company has submitted the fifth and sixth amendments to the PRTD requesting an opinion that the Plan remains in compliance with the PR Code and regulations thereunder. Once qualified, the Plan is required to operate in conformity with the PR Code to maintain its qualification.

For taxable year 2022, the Company believes the Plan satisfied, and operated in compliance with, the applicable requirements of the PR Code and therefore believes that the Plan, as amended, is qualified and the related trust is tax exempt. The Company has indicated that it currently intends to continue to take the necessary steps, if any, to maintain the Plan's compliance with the applicable requirements of the PR Code.

#### **5. Party-in-Interest Transactions**

Parties-in-interest are certain entities defined under Department of Labor regulations, including Amgen, and other parties that provide services to the Plan, such as the trustees, custodians and investment managers. The Plan pays the custodians certain administrative and investment management fees, and the Company pays certain administrative fees on behalf of the Plan. The Plan invests in collective trust funds managed by Northern, certain of the Plan's investment managers and other third parties and may invest in securities of entities that are parties-in-interest. The Plan also invests in shares of common stock of Amgen and receives dividends on those shares. Notes receivable from participants are also considered party-in-interest transactions.

**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**Notes to Financial Statements (continued)**

**6. Reconciliation of Financial Statements to the Form 5500**

The reconciliation of net assets available for benefits per the financial statements to the Form 5500 consisted of the following:

|                                                                | <b>December 31,</b>   |                       |
|----------------------------------------------------------------|-----------------------|-----------------------|
|                                                                | <b>2022</b>           | <b>2021</b>           |
| Net assets available for benefits per the financial statements | \$ 611,006,054        | \$ 685,671,780        |
| Deemed loans                                                   | (753,247)             | (672,422)             |
| Net assets per the Form 5500                                   | <u>\$ 610,252,807</u> | <u>\$ 684,999,358</u> |

The following is a reconciliation of expenses per the financial statements to the Form 5500:

|                                             | <b>Year Ended<br/>December 31,<br/>2022</b> |
|---------------------------------------------|---------------------------------------------|
| Benefits paid                               | \$ (35,673,066)                             |
| Investment and administrative fees          | (935,821)                                   |
| Total expenses per the financial statements | <u>(36,608,887)</u>                         |
| Deemed loans at December 31, 2021           | 672,422                                     |
| Deemed loans at December 31, 2022           | <u>(753,247)</u>                            |
| Total expenses per the Form 5500            | <u>\$ (36,689,712)</u>                      |

**Supplemental Schedule**  
**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**EIN: 98-0210484 Plan: #001**  
**As of December 31, 2022**  
**Schedule H, line 4i – Schedule of Assets (Held at End of Year)**

| Identity of Issue                                                                           | Description of Investment                | Current Value         |
|---------------------------------------------------------------------------------------------|------------------------------------------|-----------------------|
| Amgen Stock*                                                                                | Employer Securities 394,694 shares       | 103,662,409           |
|                                                                                             |                                          | <u>\$ 103,662,409</u> |
| <b>Capital Preservation Asset Class:</b>                                                    |                                          |                       |
| Galliard Stable Return Fund W*                                                              | Collective Trust Fund 1,242,855 units    | 75,788,056            |
| NT Collective Short Term Investment Fund*                                                   | Collective Trust Fund 4,223,182 units    | 4,223,182             |
| Total Capital Preservation Asset Class                                                      |                                          | <u>80,011,238</u>     |
| <b>Fixed Income Active Asset Class:</b>                                                     |                                          |                       |
| MetLife Core Plus Collective Fund*                                                          | Collective Trust Fund 918,963 units      | 8,546,360             |
| Wellington Core Bond Plus Portfolio Collective Investment Trust II*                         | Collective Trust Fund 772,168 units      | 8,524,740             |
| Schroder Global Strategic Bond Trust Class W*                                               | Collective Trust Fund 276,029 units      | 2,718,888             |
| Putnam Absolute Return Fixed Income Fund*                                                   | Collective Trust Fund 36,931 units       | 2,712,610             |
| Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending* | Collective Trust Fund 792,880 units      | 1,637,983             |
| Total Fixed Income Active Asset Class                                                       |                                          | <u>24,140,581</u>     |
| <b>Fixed Income Index Asset Class:</b>                                                      |                                          |                       |
| Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending* | Collective Trust Fund 792,880 units      | 111,478,898           |
| Total Fixed Income Index Asset Class                                                        |                                          | <u>111,478,898</u>    |
| <b>U.S. Equity Active Asset Class:</b>                                                      |                                          |                       |
| NT Collective Russell 3000 Index Fund / Non Lending*                                        | Collective Trust Fund 79,450 units       | 4,729,549             |
| Visa Inc. Class A                                                                           | Common and Preferred Stock 13,243 shares | 2,751,366             |
| NT Collective Short Term Investment Fund*                                                   | Collective Trust Fund 2,706,179 units    | 2,706,179             |
| Amazon Inc.                                                                                 | Common and Preferred Stock 29,672 shares | 2,492,448             |
| Microsoft Corporation                                                                       | Common and Preferred Stock 9,195 shares  | 2,205,145             |
| General Electric                                                                            | Common and Preferred Stock 20,569 shares | 1,723,477             |
| TransDigm Group Inc.                                                                        | Common and Preferred Stock 1,973 shares  | 1,242,299             |
| Intuit Inc.                                                                                 | Common and Preferred Stock 3,146 shares  | 1,224,486             |
| Netflix, Inc.                                                                               | Common and Preferred Stock 3,933 shares  | 1,159,763             |
| Dexcom Inc.                                                                                 | Common and Preferred Stock 8,826 shares  | 999,456               |
| Ball Corporation                                                                            | Common and Preferred Stock 19,227 shares | 983,269               |
| ServiceNow Inc.                                                                             | Common and Preferred Stock 2,355 shares  | 914,376               |
| The Carlyle Group Inc.                                                                      | Common and Preferred Stock 30,274 shares | 903,376               |
| Heico Corporation Class A                                                                   | Common and Preferred Stock 7,390 shares  | 885,692               |
| Skechers USA Inc. Class A                                                                   | Common and Preferred Stock 20,880 shares | 875,916               |
| UnitedHealth Group Inc.                                                                     | Common and Preferred Stock 1,638 shares  | 868,435               |
| Citigroup Inc.                                                                              | Common and Preferred Stock 18,779 shares | 849,374               |
| Dow Inc.                                                                                    | Common and Preferred Stock 16,518 shares | 832,342               |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                  | Description of Investment                | Current Value |
|----------------------------------------------------|------------------------------------------|---------------|
| Alphabet Inc.                                      | Common and Preferred Stock 9,348 shares  | 829,448       |
| Danaher Corporation                                | Common and Preferred Stock 3,072 shares  | 815,370       |
| Skyworks Solutions Inc                             | Common and Preferred Stock 8,841 shares  | 805,680       |
| Jones Lang LaSalle Inc.                            | Common and Preferred Stock 4,967 shares  | 791,591       |
| SS&C Technologies Holdings Inc.                    | Common and Preferred Stock 14,665 shares | 763,460       |
| Wells Fargo & Company*                             | Common and Preferred Stock 18,435 shares | 761,181       |
| Lear Corporation                                   | Common and Preferred Stock 6,118 shares  | 758,754       |
| KKR & Company Inc. Class A                         | Common and Preferred Stock 16,245 shares | 754,093       |
| Workday Inc. Class A                               | Common and Preferred Stock 4,494 shares  | 751,981       |
| Mastercard Inc. Class A                            | Common and Preferred Stock 2,132 shares  | 741,360       |
| Qorvo, Inc.                                        | Common and Preferred Stock 8,135 shares  | 737,356       |
| MSCI Inc.                                          | Common and Preferred Stock 1,583 shares  | 736,364       |
| CoStar Group Inc.                                  | Common and Preferred Stock 9,424 shares  | 728,287       |
| Alphabet Inc. Class C                              | Common and Preferred Stock 8,085 shares  | 717,382       |
| Yum! Brands Inc.                                   | Common and Preferred Stock 5,506 shares  | 705,208       |
| S&P Global Inc                                     | Common and Preferred Stock 2,085 shares  | 698,350       |
| Equinix Inc.                                       | Common and Preferred Stock 1,024 shares  | 670,751       |
| Thermo Fisher Corporation                          | Common and Preferred Stock 1,216 shares  | 669,639       |
| Salesforce.com Inc.                                | Common and Preferred Stock 4,930 shares  | 653,669       |
| Henry Schein Inc.                                  | Common and Preferred Stock 8,184 shares  | 653,656       |
| Applied Materials Inc.                             | Common and Preferred Stock 6,687 shares  | 651,180       |
| Ecolab, Inc.                                       | Common and Preferred Stock 4,454 shares  | 648,324       |
| Salesforce.com Inc.                                | Common and Preferred Stock 4,872 shares  | 645,978       |
| Costar Group Inc.                                  | Common and Preferred Stock 8,356 shares  | 645,752       |
| Merit Medical Systems Inc.                         | Common and Preferred Stock 9,044 shares  | 638,687       |
| Clean Harbors Inc.                                 | Common and Preferred Stock 5,558 shares  | 634,279       |
| Block, Inc.                                        | Common and Preferred Stock 10,093 shares | 634,244       |
| Cognizant Technology Solutions Corporation Class A | Common and Preferred Stock 10,999 shares | 629,033       |
| Match Group Inc.                                   | Common and Preferred Stock 14,797 shares | 613,928       |
| Fresenius Medical Care                             | Common and Preferred Stock 37,471 shares | 612,276       |
| QuidelOrtho Corporation                            | Common and Preferred Stock 7,007 shares  | 600,290       |
| STERIS plc                                         | Common and Preferred Stock 3,225 shares  | 595,625       |
| Wabtec Corporation                                 | Common and Preferred Stock 5,920 shares  | 590,875       |
| Newell Brands Inc.                                 | Common and Preferred Stock 45,083 shares | 589,686       |
| Edison International                               | Common and Preferred Stock 9,266 shares  | 589,503       |
| Autodesk Inc.                                      | Common and Preferred Stock 3,119 shares  | 582,848       |
| Iqvia Holdings Inc.                                | Common and Preferred Stock 2,830 shares  | 579,839       |
| Waste Connections Inc.                             | Common and Preferred Stock 4,368 shares  | 579,022       |
| Regeneron Pharmaceuticals, Inc.                    | Common and Preferred Stock 798 shares    | 575,749       |
| Intuitive Surgical, Inc.                           | Common and Preferred Stock 2,150 shares  | 570,503       |
| MetLife Inc.*                                      | Common and Preferred Stock 7,881 shares  | 570,348       |
| Sherwin-Williams Company                           | Common and Preferred Stock 2,353 shares  | 558,437       |
| Halozyme Therapeutics Inc.                         | Common and Preferred Stock 9,782 shares  | 556,596       |
| Capital One Financial Corporation                  | Common and Preferred Stock 5,899 shares  | 548,371       |
| Equitable Holdings Inc.                            | Common and Preferred Stock 18,950 shares | 543,865       |
| Ares Management Corporation                        | Common and Preferred Stock 7,846 shares  | 536,980       |
| FMC Corporation                                    | Common and Preferred Stock 4,172 shares  | 520,666       |
| CBRE Group Inc. Class A                            | Common and Preferred Stock 6,732 shares  | 518,095       |
| Anthem Inc.                                        | Common and Preferred Stock 1,009 shares  | 517,587       |
| Ritchie Bros Auctioneers Inc.                      | Common and Preferred Stock 8,945 shares  | 517,289       |
| Synopsys Inc.                                      | Common and Preferred Stock 1,610 shares  | 514,057       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                             | Description of Investment                | Current Value |
|-----------------------------------------------|------------------------------------------|---------------|
| NICE Limited                                  | Common and Preferred Stock 2,649 shares  | 509,403       |
| Voya Financial Inc.                           | Common and Preferred Stock 8,159 shares  | 501,697       |
| Aon PLC                                       | Common and Preferred Stock 1,671 shares  | 501,534       |
| Lam Research Corporation                      | Common and Preferred Stock 1,168 shares  | 490,910       |
| American Express Company                      | Common and Preferred Stock 3,322 shares  | 490,826       |
| Ametek Inc.                                   | Common and Preferred Stock 3,510 shares  | 490,417       |
| Starbucks Corporation                         | Common and Preferred Stock 4,919 shares  | 487,965       |
| Charles River Laboratories International Inc. | Common and Preferred Stock 2,234 shares  | 486,789       |
| FleetCor Technologies Inc.                    | Common and Preferred Stock 2,630 shares  | 483,078       |
| JP Morgan Chase & Company                     | Common and Preferred Stock 3,600 shares  | 482,760       |
| Booking Holdings Inc.                         | Common and Preferred Stock 233 shares    | 469,560       |
| Sensata Technologies BV Holding               | Common and Preferred Stock 11,485 shares | 463,764       |
| Gildan Activewear Inc.                        | Common and Preferred Stock 16,718 shares | 458,073       |
| Adobe Systems Inc.                            | Common and Preferred Stock 1,335 shares  | 449,268       |
| Amdocs Limited                                | Common and Preferred Stock 4,903 shares  | 445,683       |
| Shopify Inc                                   | Common and Preferred Stock 12,798 shares | 444,219       |
| American International Group Inc.             | Common and Preferred Stock 6,919 shares  | 437,558       |
| Bristol Myers Squibb                          | Common and Preferred Stock 6,035 shares  | 434,218       |
| Amphenol Corporation Class A                  | Common and Preferred Stock 5,490 shares  | 418,009       |
| Frontdoor Inc.                                | Common and Preferred Stock 19,642 shares | 408,554       |
| Uber Technologies Inc.                        | Common and Preferred Stock 16,491 shares | 407,822       |
| Alight Inc. Class A                           | Common and Preferred Stock 48,658 shares | 406,781       |
| Warner Music Group Corporation Class A        | Common and Preferred Stock 11,572 shares | 405,251       |
| J2 Global Inc.                                | Common and Preferred Stock 5,122 shares  | 405,150       |
| Atlassian Corporation                         | Common and Preferred Stock 3,117 shares  | 401,096       |
| Axis Capital Holdings Limited                 | Common and Preferred Stock 7,397 shares  | 400,695       |
| Dollar General Corporation                    | Common and Preferred Stock 1,619 shares  | 398,679       |
| BWX Technologies Inc.                         | Common and Preferred Stock 6,825 shares  | 396,396       |
| IDEX Corporation                              | Common and Preferred Stock 1,698 shares  | 387,704       |
| NOV Inc.                                      | Common and Preferred Stock 18,554 shares | 387,593       |
| Hewlett Packard Enterprise Company            | Common and Preferred Stock 24,135 shares | 385,195       |
| Euronet Worldwide Inc.                        | Common and Preferred Stock 4,080 shares  | 385,070       |
| Bank of America Corporation*                  | Common and Preferred Stock 11,404 shares | 377,700       |
| Align Technology Inc.                         | Common and Preferred Stock 1,789 shares  | 377,300       |
| Snowflake Inc. Class A                        | Common and Preferred Stock 2,608 shares  | 374,352       |
| Catalent Inc.                                 | Common and Preferred Stock 8,225 shares  | 370,207       |
| Floor & Decor Holdings Inc.                   | Common and Preferred Stock 5,315 shares  | 370,083       |
| Lam Resh Corporation                          | Common and Preferred Stock 877 shares    | 368,603       |
| LKQ Corporation                               | Common and Preferred Stock 6,889 shares  | 367,941       |
| Entegris Inc.                                 | Common and Preferred Stock 5,570 shares  | 365,336       |
| UGI Corporation                               | Common and Preferred Stock 9,829 shares  | 364,361       |
| PVH Corporation                               | Common and Preferred Stock 5,103 shares  | 360,221       |
| Abbott Laboratories                           | Common and Preferred Stock 3,137 shares  | 344,411       |
| Halliburton Company                           | Common and Preferred Stock 8,619 shares  | 339,158       |
| Ingredion Inc.                                | Common and Preferred Stock 3,439 shares  | 336,781       |
| HealthEquity Inc.                             | Common and Preferred Stock 5,428 shares  | 334,582       |
| Huntington Bancshares Inc.                    | Common and Preferred Stock 23,452 shares | 330,673       |
| Acadia Healthcare Company Inc.                | Common and Preferred Stock 3,899 shares  | 320,966       |
| Cloudflare Inc.                               | Common and Preferred Stock 7,025 shares  | 317,600       |
| Churchill Downs Inc.                          | Common and Preferred Stock 1,465 shares  | 309,745       |
| Datadog Inc.                                  | Common and Preferred Stock 4,214 shares  | 309,729       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                          | Description of Investment                | Current Value |
|--------------------------------------------|------------------------------------------|---------------|
| Sarepta Therapeutics Inc.                  | Common and Preferred Stock 2,341 shares  | 303,347       |
| Trimble Inc.                               | Common and Preferred Stock 5,978 shares  | 302,248       |
| Brown & Brown Inc.                         | Common and Preferred Stock 5,295 shares  | 301,656       |
| Mohawk Industries Inc.                     | Common and Preferred Stock 2,945 shares  | 301,038       |
| Cabot Corporation                          | Common and Preferred Stock 4,468 shares  | 298,641       |
| Cooper Companies Inc.                      | Common and Preferred Stock 890 shares    | 294,296       |
| National Retail Properties Inc.            | Common and Preferred Stock 6,332 shares  | 289,752       |
| GlobalFoundries Inc.                       | Common and Preferred Stock 5,277 shares  | 284,378       |
| ACV Auctions Inc. Class A                  | Common and Preferred Stock 34,326 shares | 281,816       |
| On Semiconductor Corporation               | Common and Preferred Stock 4,496 shares  | 280,416       |
| Goldman Sachs Group Inc.                   | Common and Preferred Stock 807 shares    | 277,108       |
| Dycom Industries Inc.                      | Common and Preferred Stock 2,883 shares  | 269,849       |
| Western Alliance Bancorporation            | Common and Preferred Stock 4,491 shares  | 267,484       |
| Momentive Global Inc.                      | Common and Preferred Stock 37,986 shares | 265,902       |
| Carter Inc.                                | Common and Preferred Stock 3,550 shares  | 264,866       |
| FTI Consulting Inc.                        | Common and Preferred Stock 1,664 shares  | 264,243       |
| Forward Air Corporation                    | Common and Preferred Stock 2,493 shares  | 261,491       |
| Tennant Company                            | Common and Preferred Stock 4,242 shares  | 261,180       |
| MACOM Technology Solutions Holdings Inc.   | Common and Preferred Stock 4,131 shares  | 260,170       |
| Keysight Technologies Inc.                 | Common and Preferred Stock 1,472 shares  | 251,815       |
| Gartner Inc.                               | Common and Preferred Stock 747 shares    | 251,097       |
| DoorDash Inc. Class A                      | Common and Preferred Stock 5,016 shares  | 244,881       |
| Nvidia Corporation                         | Common and Preferred Stock 1,661 shares  | 242,739       |
| ZipRecruiter Inc. Class A                  | Common and Preferred Stock 14,536 shares | 238,681       |
| Huron Consulting Group Inc.                | Common and Preferred Stock 3,249 shares  | 235,877       |
| NRG Energy Inc.                            | Common and Preferred Stock 7,361 shares  | 234,227       |
| AerCap Holdings N.V.                       | Common and Preferred Stock 3,972 shares  | 231,647       |
| KAR Auction Services Inc.                  | Common and Preferred Stock 17,586 shares | 229,497       |
| Belden Inc.                                | Common and Preferred Stock 3,117 shares  | 224,112       |
| BankUnited Inc.                            | Common and Preferred Stock 6,543 shares  | 222,266       |
| Sea Limited                                | Common and Preferred Stock 4,249 shares  | 221,075       |
| N-Able Technologies International Inc.     | Common and Preferred Stock 21,491 shares | 220,927       |
| CarGurus Inc. Class A                      | Common and Preferred Stock 15,757 shares | 220,756       |
| National Bank Holdings Corporation Class A | Common and Preferred Stock 5,109 shares  | 214,936       |
| LPL Financial Holdings Inc.                | Common and Preferred Stock 994 shares    | 214,873       |
| Chemed Corporation                         | Common and Preferred Stock 416 shares    | 212,339       |
| UBS Group AG                               | Common and Preferred Stock 11,334 shares | 211,606       |
| Albany International Corporation Class A   | Common and Preferred Stock 2,133 shares  | 210,292       |
| ALLETE Inc.                                | Common and Preferred Stock 3,257 shares  | 210,109       |
| Altra Industrial Motion Corporation        | Common and Preferred Stock 3,506 shares  | 209,484       |
| Advanced Energy Industries Inc.            | Common and Preferred Stock 2,439 shares  | 209,217       |
| Certara Inc.                               | Common and Preferred Stock 12,861 shares | 206,676       |
| Magna International Inc.                   | Common and Preferred Stock 3,673 shares  | 206,349       |
| KBR, Inc.                                  | Common and Preferred Stock 3,904 shares  | 206,131       |
| Pfizer Inc.                                | Common and Preferred Stock 4,022 shares  | 206,087       |
| Edwards Lifesciences Corporation           | Common and Preferred Stock 2,698 shares  | 201,298       |
| Prosperity Bancshares Inc.                 | Common and Preferred Stock 2,759 shares  | 200,524       |
| ASGN Inc.                                  | Common and Preferred Stock 2,428 shares  | 197,833       |
| Bio-Techne Corporation                     | Common and Preferred Stock 2,379 shares  | 197,172       |
| Sally Beauty Holdings Inc.                 | Common and Preferred Stock 15,576 shares | 195,012       |
| Trinet Group Inc.                          | Common and Preferred Stock 2,830 shares  | 191,874       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                         | Description of Investment                | Current Value |
|-------------------------------------------|------------------------------------------|---------------|
| Nasdaq Inc.                               | Common and Preferred Stock 3,077 shares  | 188,774       |
| Graphic Packaging Holding Company         | Common and Preferred Stock 8,429 shares  | 187,545       |
| Cardinal Health, Inc.                     | Common and Preferred Stock 2,414 shares  | 185,564       |
| Teleflex Inc.                             | Common and Preferred Stock 742 shares    | 185,225       |
| Carlisle Companies Inc.                   | Common and Preferred Stock 784 shares    | 184,750       |
| Monday.com Limited                        | Common and Preferred Stock 1,509 shares  | 184,098       |
| Kirby Corporation                         | Common and Preferred Stock 2,857 shares  | 183,848       |
| WillScot Mobile Mini Holdings Corporation | Common and Preferred Stock 4,062 shares  | 183,481       |
| McKesson Corporation                      | Common and Preferred Stock 483 shares    | 181,183       |
| Range Resources Corporation               | Common and Preferred Stock 7,153 shares  | 178,968       |
| Box Inc. Class A                          | Common and Preferred Stock 5,736 shares  | 178,562       |
| Smartsheet Inc. Class A                   | Common and Preferred Stock 4,518 shares  | 177,828       |
| Matson Inc.                               | Common and Preferred Stock 2,840 shares  | 177,528       |
| Shell plc                                 | Common and Preferred Stock 3,111 shares  | 177,171       |
| Charter Communications, Inc. Class A      | Common and Preferred Stock 519 shares    | 175,993       |
| Copart Inc.                               | Common and Preferred Stock 2,879 shares  | 175,302       |
| First American Financial Corporation      | Common and Preferred Stock 3,327 shares  | 174,135       |
| Northern Trust Interest Bearing Cash*     | Cash and Cash Equivalents 173,146 units  | 173,146       |
| Supernus Pharmaceuticals Inc.             | Common and Preferred Stock 4,832 shares  | 172,357       |
| WisdomTree Investments Inc.               | Common and Preferred Stock 31,440 shares | 171,348       |
| Signature Bank                            | Common and Preferred Stock 1,480 shares  | 170,526       |
| Diamondback Energy Inc.                   | Common and Preferred Stock 1,214 shares  | 166,051       |
| Dolby Laboratories Inc.                   | Common and Preferred Stock 2,353 shares  | 165,981       |
| Graco Inc.                                | Common and Preferred Stock 2,436 shares  | 163,845       |
| Airbnb Inc. Class A                       | Common and Preferred Stock 1,912 shares  | 163,476       |
| Barnes Group Inc.                         | Common and Preferred Stock 3,976 shares  | 162,420       |
| Itron Inc.                                | Common and Preferred Stock 3,088 shares  | 156,407       |
| Cohen & Steers Inc.                       | Common and Preferred Stock 2,421 shares  | 156,300       |
| Under Armour Inc. Class C                 | Common and Preferred Stock 17,492 shares | 156,029       |
| Woodward Inc.                             | Common and Preferred Stock 1,596 shares  | 154,190       |
| AptarGroup Inc.                           | Common and Preferred Stock 1,399 shares  | 153,862       |
| Mednax Inc.                               | Common and Preferred Stock 10,339 shares | 153,638       |
| Grand Canyon Education Inc.               | Common and Preferred Stock 1,421 shares  | 150,143       |
| Okta Inc.                                 | Common and Preferred Stock 2,156 shares  | 147,319       |
| Prestige Consumer Healthcare Inc.         | Common and Preferred Stock 2,345 shares  | 146,797       |
| Oceaneering International Inc.            | Common and Preferred Stock 8,251 shares  | 144,310       |
| Dynatrace Inc.                            | Common and Preferred Stock 3,731 shares  | 142,897       |
| Alamos Gold Inc. Class A                  | Common and Preferred Stock 13,941 shares | 140,944       |
| Generac Holdings Inc.                     | Common and Preferred Stock 1,396 shares  | 140,521       |
| Veracyte Inc.                             | Common and Preferred Stock 5,896 shares  | 139,912       |
| Encompass Health Corporation              | Common and Preferred Stock 2,321 shares  | 138,819       |
| BRP Group Inc. Class A                    | Common and Preferred Stock 5,498 shares  | 138,220       |
| NexTier Oilfield Solutions Inc.           | Common and Preferred Stock 14,847 shares | 137,186       |
| Monro Inc.                                | Common and Preferred Stock 3,025 shares  | 136,730       |
| Knowles Corporation                       | Common and Preferred Stock 8,186 shares  | 134,414       |
| Markel Corporation Holding Company        | Common and Preferred Stock 102 shares    | 134,384       |
| TreeHouse Foods Inc.                      | Common and Preferred Stock 2,710 shares  | 133,820       |
| Consensus Cloud Solutions Inc.            | Common and Preferred Stock 2,430 shares  | 130,637       |
| ACI Worldwide Inc.                        | Common and Preferred Stock 5,669 shares  | 130,387       |
| Teledyne Technologies Inc.                | Common and Preferred Stock 325 shares    | 129,971       |
| 10X Genomics Inc. Class A                 | Common and Preferred Stock 3,560 shares  | 129,726       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                 | Description of Investment                | Current Value |
|---------------------------------------------------|------------------------------------------|---------------|
| Hexcel Corporation                                | Common and Preferred Stock 2,182 shares  | 128,411       |
| Tronox Holdings PLC                               | Common and Preferred Stock 9,262 shares  | 126,982       |
| John Bean Technologies Corporation                | Common and Preferred Stock 1,375 shares  | 125,579       |
| Matthews International Corporation Class A        | Common and Preferred Stock 4,097 shares  | 124,713       |
| SpringWorks Therapeutics Inc.                     | Common and Preferred Stock 4,670 shares  | 121,467       |
| Ciena Corporation                                 | Common and Preferred Stock 2,380 shares  | 121,332       |
| United Community Bank Blairsville Georgia         | Common and Preferred Stock 3,588 shares  | 121,274       |
| Texas Capital Bancshares Inc.                     | Common and Preferred Stock 1,997 shares  | 120,439       |
| Knight-Swift Transportation Holdings Inc. Class A | Common and Preferred Stock 2,296 shares  | 120,333       |
| Helen Trustoy Limited                             | Common and Preferred Stock 1,084 shares  | 120,226       |
| Jacobs Solutions Inc.                             | Common and Preferred Stock 985 shares    | 118,269       |
| Hanesbrands Inc.                                  | Common and Preferred Stock 18,223 shares | 115,898       |
| Pacific Premier Bancorp Inc.                      | Common and Preferred Stock 3,669 shares  | 115,794       |
| Agios Pharmaceuticals Inc.                        | Common and Preferred Stock 4,120 shares  | 115,690       |
| Nu Skin Enterprises Inc. Class A                  | Common and Preferred Stock 2,736 shares  | 115,350       |
| Nevro Corporation                                 | Common and Preferred Stock 2,855 shares  | 113,058       |
| C.H. Robinson Worldwide Inc.                      | Common and Preferred Stock 1,218 shares  | 111,520       |
| NCR Corporation                                   | Common and Preferred Stock 4,743 shares  | 111,034       |
| Canada Goose Holdings Inc.                        | Common and Preferred Stock 6,176 shares  | 109,995       |
| World Wrestling Entertainment                     | Common and Preferred Stock 1,603 shares  | 109,838       |
| 8X8 Inc.                                          | Common and Preferred Stock 24,905 shares | 107,590       |
| JBG SMITH Properties                              | Common and Preferred Stock 5,623 shares  | 106,725       |
| Coherent Corporation                              | Common and Preferred Stock 3,037 shares  | 106,599       |
| Cimpress plc                                      | Common and Preferred Stock 3,820 shares  | 105,470       |
| Sportradar Group                                  | Common and Preferred Stock 10,499 shares | 104,570       |
| Legend Biotech Corporation                        | Common and Preferred Stock 2,069 shares  | 103,284       |
| Docusign Inc.                                     | Common and Preferred Stock 1,862 shares  | 103,192       |
| Summit Materials Inc.                             | Common and Preferred Stock 3,635 shares  | 103,191       |
| SLR Investment Corporation                        | Common and Preferred Stock 7,395 shares  | 102,864       |
| Aspen Technology Inc.                             | Common and Preferred Stock 472 shares    | 96,949        |
| CareDx Inc.                                       | Common and Preferred Stock 8,482 shares  | 96,780        |
| Azekpany Inc.                                     | Common and Preferred Stock 4,640 shares  | 94,285        |
| Qualtrics International Inc.                      | Common and Preferred Stock 9,078 shares  | 94,230        |
| Haemonetics Corporation                           | Common and Preferred Stock 1,170 shares  | 92,021        |
| IAA Spincor Inc.                                  | Common and Preferred Stock 2,264 shares  | 90,560        |
| iShares Russell Mid-Cap ETF                       | Mutual Fund 1,340 units                  | 90,383        |
| J & J Snack Foods Corporation                     | Common and Preferred Stock 603 shares    | 90,275        |
| Mid-American Apartment Communities Inc.           | Common and Preferred Stock 573 shares    | 89,955        |
| PacWest Bancorp                                   | Common and Preferred Stock 3,818 shares  | 87,623        |
| Sumo Logic Inc.                                   | Common and Preferred Stock 10,650 shares | 86,265        |
| Sotera Health Company                             | Common and Preferred Stock 10,125 shares | 84,341        |
| AZZ Inc.                                          | Common and Preferred Stock 2,095 shares  | 84,219        |
| Arvinas Inc.                                      | Common and Preferred Stock 2,458 shares  | 84,088        |
| Northwestern Corporation                          | Common and Preferred Stock 1,400 shares  | 83,076        |
| Farfetch Limited Class A                          | Common and Preferred Stock 17,511 shares | 82,827        |
| Infinera Corporation                              | Common and Preferred Stock 12,063 shares | 81,305        |
| Silgan Holdings Inc.                              | Common and Preferred Stock 1,552 shares  | 80,456        |
| Omniceil Inc.                                     | Common and Preferred Stock 1,541 shares  | 77,697        |
| Flowserve Corporation                             | Common and Preferred Stock 2,530 shares  | 77,620        |
| Wolverine World Wide Inc.                         | Common and Preferred Stock 7,070 shares  | 77,275        |
| Middleby Corporation                              | Common and Preferred Stock 575 shares    | 76,993        |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                                                                       | Description of Investment                | Current Value |
|---------------------------------------------------------------------------------------------------------|------------------------------------------|---------------|
| Tenable Holdings Inc.                                                                                   | Common and Preferred Stock 2,011 shares  | 76,720        |
| Relay Therapeutics Inc.                                                                                 | Common and Preferred Stock 5,078 shares  | 75,865        |
| Harsco Corporation                                                                                      | Common and Preferred Stock 11,957 shares | 75,210        |
| IPG Photonics Corporation                                                                               | Common and Preferred Stock 783 shares    | 74,127        |
| KB Home                                                                                                 | Common and Preferred Stock 2,273 shares  | 72,395        |
| iShares Core S&P Small-Cap ETF                                                                          | Mutual Fund 754 units                    | 71,359        |
| Doximity Inc.                                                                                           | Common and Preferred Stock 2,092 shares  | 70,208        |
| C4 Therapeutics Inc.                                                                                    | Common and Preferred Stock 11,878 shares | 70,080        |
| Herbalife Nutrition Limited                                                                             | Common and Preferred Stock 4,671 shares  | 69,504        |
| Banner Corporation                                                                                      | Common and Preferred Stock 1,089 shares  | 68,825        |
| Rocket Lab USA Inc.                                                                                     | Common and Preferred Stock 18,208 shares | 68,644        |
| 1-800-FLOWERS.COM Inc. Class A                                                                          | Common and Preferred Stock 7,102 shares  | 67,895        |
| Axogen Inc.                                                                                             | Common and Preferred Stock 6,787 shares  | 67,734        |
| STAG Industrial Inc.                                                                                    | Common and Preferred Stock 2,083 shares  | 67,302        |
| WSFS Financial Corporation                                                                              | Common and Preferred Stock 1,483 shares  | 67,239        |
| Fox Factory Holding Corporation                                                                         | Common and Preferred Stock 732 shares    | 66,780        |
| Coherus BioSciences Inc.                                                                                | Common and Preferred Stock 8,220 shares  | 65,102        |
| Albemarle Corporation                                                                                   | Common and Preferred Stock 298 shares    | 64,624        |
| Sonos Inc.                                                                                              | Common and Preferred Stock 3,759 shares  | 63,527        |
| Boston Properties Inc.                                                                                  | Common and Preferred Stock 896 shares    | 60,552        |
| Mercury Systems Inc.                                                                                    | Common and Preferred Stock 1,351 shares  | 60,444        |
| Designer Brands Inc. Class A                                                                            | Common and Preferred Stock 6,048 shares  | 59,149        |
| Heartland Express Inc.                                                                                  | Common and Preferred Stock 3,678 shares  | 56,421        |
| Berkshire Hills Bancorp Inc.                                                                            | Common and Preferred Stock 1,723 shares  | 51,518        |
| CalAmp Corporation                                                                                      | Common and Preferred Stock 10,489 shares | 46,991        |
| PetIQ Inc. Class A                                                                                      | Common and Preferred Stock 4,839 shares  | 44,616        |
| Stevanato Group S.p.A.                                                                                  | Common and Preferred Stock 2,349 shares  | 42,212        |
| Adeia Inc.                                                                                              | Common and Preferred Stock 4,022 shares  | 38,129        |
| iShares Russell 2000 ETF                                                                                | Mutual Fund 215 units                    | 37,487        |
| Rogers Corporation                                                                                      | Common and Preferred Stock 268 shares    | 31,983        |
| Sterling Check Corporation                                                                              | Common and Preferred Stock 2,014 shares  | 31,157        |
| Istar Inc.                                                                                              | Common and Preferred Stock 3,418 shares  | 26,079        |
| Enhabit Inc.                                                                                            | Common and Preferred Stock 1,160 shares  | 15,266        |
| eHealth Inc.                                                                                            | Common and Preferred Stock 2,234 shares  | 10,813        |
| Safehold Inc.                                                                                           | Common and Preferred Stock 261 shares    | 7,470         |
| Total U.S. Equity Active Asset Class                                                                    |                                          | 109,563,201   |
| U.S. Equity Index Asset Class:                                                                          |                                          |               |
| NT Collective Russell 3000 Index Fund / Non Lending*                                                    | Collective Trust Fund 1,301,755 units    | 77,492,154    |
| Total U.S. Equity Index Asset Class                                                                     |                                          | 77,492,154    |
| International Equity Active Asset Class:                                                                |                                          |               |
| Mawer International Equity Collective Investment Trust Class B*                                         | Collective Trust Fund 1,003,963 units    | 14,314,907    |
| Polaris Capital Management Collective Investment Trust International Value Collective Fund*             | Collective Trust Fund 1,420,400 units    | 14,170,766    |
| Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C* | Collective Trust Fund 886,595 units      | 10,887,388    |
| Dodge & Cox International Fund*                                                                         | Mutual Fund 188,967 units                | 8,146,368     |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                                                                             | Description of Investment              | Current Value         |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------|
| Wilmington Trust Collective Investment Trust /<br>Jennison International Equity Opportunities CIT<br>Class J* | Collective Trust Fund 1,023,424 units  | 7,870,129             |
| NT Collective MSCI All Country World Index<br>(ACWI) ex/US Index Fund / Non Lending*                          | Collective Trust Fund 17,529 units     | 3,243,062             |
| Total International Equity Active Asset Class                                                                 |                                        | 58,632,620            |
| International Equity Index Asset Class:                                                                       |                                        |                       |
| NT Collective MSCI All Country World Index<br>(ACWI) ex/US Index Fund /Non Lending (Tier<br>J)*               | Collective Trust Fund 128,332 units    | 21,674,049            |
| BlackRock FTSE RAFI Emerging Index Non<br>Lendable Fund F                                                     | Collective Trust Fund 1,675 units      | 8,859                 |
| Total International Equity Index Asset Class                                                                  |                                        | 21,682,908            |
| Participant Self-Directed Accounts                                                                            | Various Investments                    | 8,311,430             |
|                                                                                                               |                                        | 8,311,430             |
| Notes Receivable from Participants*                                                                           | Interest Rate 4.25% - 9.25%            | 15,315,527            |
|                                                                                                               |                                        | 15,315,527            |
| Other:                                                                                                        |                                        |                       |
| Vanguard Federal Money Market                                                                                 | Cash and Cash Equivalents 27,135 units | 27,135                |
| NT Collective Short Term Investment Fund*                                                                     | Collective Trust Fund 526,957 units    | 1,368                 |
| Total Other                                                                                                   |                                        | 28,503                |
| Grand Total                                                                                                   |                                        | <u>\$ 610,319,469</u> |

\* Indicates party-in-interest

**Supplemental Schedule**  
**The Retirement and Savings Plan for Amgen Manufacturing, Limited**  
**EIN: 98-0210484 Plan: #001**  
**As of December 31, 2022**  
**Schedule H, line 4i – Schedule of Assets (Held at End of Year)**

| Identity of Issue                                                                           | Description of Investment                | Current Value  |
|---------------------------------------------------------------------------------------------|------------------------------------------|----------------|
| Amgen Stock*                                                                                | Employer Securities 394,694 shares       | 103,662,409    |
|                                                                                             |                                          | \$ 103,662,409 |
| <b>Capital Preservation Asset Class:</b>                                                    |                                          |                |
| Galliard Stable Return Fund W*                                                              | Collective Trust Fund 1,242,855 units    | 75,788,056     |
| NT Collective Short Term Investment Fund*                                                   | Collective Trust Fund 4,223,182 units    | 4,223,182      |
| Total Capital Preservation Asset Class                                                      |                                          | 80,011,238     |
| <b>Fixed Income Active Asset Class:</b>                                                     |                                          |                |
| MetLife Core Plus Collective Fund*                                                          | Collective Trust Fund 918,963 units      | 8,546,360      |
| Wellington Core Bond Plus Portfolio Collective Investment Trust II*                         | Collective Trust Fund 772,168 units      | 8,524,740      |
| Schroder Global Strategic Bond Trust Class W*                                               | Collective Trust Fund 276,029 units      | 2,718,888      |
| Putnam Absolute Return Fixed Income Fund*                                                   | Collective Trust Fund 36,931 units       | 2,712,610      |
| Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending* | Collective Trust Fund 792,880 units      | 1,637,983      |
| Total Fixed Income Active Asset Class                                                       |                                          | 24,140,581     |
| <b>Fixed Income Index Asset Class:</b>                                                      |                                          |                |
| Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending* | Collective Trust Fund 792,880 units      | 111,478,898    |
| Total Fixed Income Index Asset Class                                                        |                                          | 111,478,898    |
| <b>U.S. Equity Active Asset Class:</b>                                                      |                                          |                |
| NT Collective Russell 3000 Index Fund / Non Lending*                                        | Collective Trust Fund 79,450 units       | 4,729,549      |
| Visa Inc. Class A                                                                           | Common and Preferred Stock 13,243 shares | 2,751,366      |
| NT Collective Short Term Investment Fund*                                                   | Collective Trust Fund 2,706,179 units    | 2,706,179      |
| Amazon Inc.                                                                                 | Common and Preferred Stock 29,672 shares | 2,492,448      |
| Microsoft Corporation                                                                       | Common and Preferred Stock 9,195 shares  | 2,205,145      |
| General Electric                                                                            | Common and Preferred Stock 20,569 shares | 1,723,477      |
| TransDigm Group Inc.                                                                        | Common and Preferred Stock 1,973 shares  | 1,242,299      |
| Intuit Inc.                                                                                 | Common and Preferred Stock 3,146 shares  | 1,224,486      |
| Netflix, Inc.                                                                               | Common and Preferred Stock 3,933 shares  | 1,159,763      |
| Dexcom Inc.                                                                                 | Common and Preferred Stock 8,826 shares  | 999,456        |
| Ball Corporation                                                                            | Common and Preferred Stock 19,227 shares | 983,269        |
| ServiceNow Inc.                                                                             | Common and Preferred Stock 2,355 shares  | 914,376        |
| The Carlyle Group Inc.                                                                      | Common and Preferred Stock 30,274 shares | 903,376        |
| Heico Corporation Class A                                                                   | Common and Preferred Stock 7,390 shares  | 885,692        |
| Skechers USA Inc. Class A                                                                   | Common and Preferred Stock 20,880 shares | 875,916        |
| UnitedHealth Group Inc.                                                                     | Common and Preferred Stock 1,638 shares  | 868,435        |
| Citigroup Inc.                                                                              | Common and Preferred Stock 18,779 shares | 849,374        |
| Dow Inc.                                                                                    | Common and Preferred Stock 16,518 shares | 832,342        |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                  | Description of Investment                | Current Value |
|----------------------------------------------------|------------------------------------------|---------------|
| Alphabet Inc.                                      | Common and Preferred Stock 9,348 shares  | 829,448       |
| Danaher Corporation                                | Common and Preferred Stock 3,072 shares  | 815,370       |
| Skyworks Solutions Inc                             | Common and Preferred Stock 8,841 shares  | 805,680       |
| Jones Lang LaSalle Inc.                            | Common and Preferred Stock 4,967 shares  | 791,591       |
| SS&C Technologies Holdings Inc.                    | Common and Preferred Stock 14,665 shares | 763,460       |
| Wells Fargo & Company*                             | Common and Preferred Stock 18,435 shares | 761,181       |
| Lear Corporation                                   | Common and Preferred Stock 6,118 shares  | 758,754       |
| KKR & Company Inc. Class A                         | Common and Preferred Stock 16,245 shares | 754,093       |
| Workday Inc. Class A                               | Common and Preferred Stock 4,494 shares  | 751,981       |
| Mastercard Inc. Class A                            | Common and Preferred Stock 2,132 shares  | 741,360       |
| Qorvo, Inc.                                        | Common and Preferred Stock 8,135 shares  | 737,356       |
| MSCI Inc.                                          | Common and Preferred Stock 1,583 shares  | 736,364       |
| CoStar Group Inc.                                  | Common and Preferred Stock 9,424 shares  | 728,287       |
| Alphabet Inc. Class C                              | Common and Preferred Stock 8,085 shares  | 717,382       |
| Yum! Brands Inc.                                   | Common and Preferred Stock 5,506 shares  | 705,208       |
| S&P Global Inc                                     | Common and Preferred Stock 2,085 shares  | 698,350       |
| Equinix Inc.                                       | Common and Preferred Stock 1,024 shares  | 670,751       |
| Thermo Fisher Corporation                          | Common and Preferred Stock 1,216 shares  | 669,639       |
| Salesforce.com Inc.                                | Common and Preferred Stock 4,930 shares  | 653,669       |
| Henry Schein Inc.                                  | Common and Preferred Stock 8,184 shares  | 653,656       |
| Applied Materials Inc.                             | Common and Preferred Stock 6,687 shares  | 651,180       |
| Ecolab, Inc.                                       | Common and Preferred Stock 4,454 shares  | 648,324       |
| Salesforce.com Inc.                                | Common and Preferred Stock 4,872 shares  | 645,978       |
| Costar Group Inc.                                  | Common and Preferred Stock 8,356 shares  | 645,752       |
| Merit Medical Systems Inc.                         | Common and Preferred Stock 9,044 shares  | 638,687       |
| Clean Harbors Inc.                                 | Common and Preferred Stock 5,558 shares  | 634,279       |
| Block, Inc.                                        | Common and Preferred Stock 10,093 shares | 634,244       |
| Cognizant Technology Solutions Corporation Class A | Common and Preferred Stock 10,999 shares | 629,033       |
| Match Group Inc.                                   | Common and Preferred Stock 14,797 shares | 613,928       |
| Fresenius Medical Care                             | Common and Preferred Stock 37,471 shares | 612,276       |
| QuidelOrtho Corporation                            | Common and Preferred Stock 7,007 shares  | 600,290       |
| STERIS plc                                         | Common and Preferred Stock 3,225 shares  | 595,625       |
| Wabtec Corporation                                 | Common and Preferred Stock 5,920 shares  | 590,875       |
| Newell Brands Inc.                                 | Common and Preferred Stock 45,083 shares | 589,686       |
| Edison International                               | Common and Preferred Stock 9,266 shares  | 589,503       |
| Autodesk Inc.                                      | Common and Preferred Stock 3,119 shares  | 582,848       |
| Iqvia Holdings Inc.                                | Common and Preferred Stock 2,830 shares  | 579,839       |
| Waste Connections Inc.                             | Common and Preferred Stock 4,368 shares  | 579,022       |
| Regeneron Pharmaceuticals, Inc.                    | Common and Preferred Stock 798 shares    | 575,749       |
| Intuitive Surgical, Inc.                           | Common and Preferred Stock 2,150 shares  | 570,503       |
| MetLife Inc.*                                      | Common and Preferred Stock 7,881 shares  | 570,348       |
| Sherwin-Williams Company                           | Common and Preferred Stock 2,353 shares  | 558,437       |
| Halozyyme Therapeutics Inc.                        | Common and Preferred Stock 9,782 shares  | 556,596       |
| Capital One Financial Corporation                  | Common and Preferred Stock 5,899 shares  | 548,371       |
| Equitable Holdings Inc.                            | Common and Preferred Stock 18,950 shares | 543,865       |
| Ares Management Corporation                        | Common and Preferred Stock 7,846 shares  | 536,980       |
| FMC Corporation                                    | Common and Preferred Stock 4,172 shares  | 520,666       |
| CBRE Group Inc. Class A                            | Common and Preferred Stock 6,732 shares  | 518,095       |
| Anthem Inc.                                        | Common and Preferred Stock 1,009 shares  | 517,587       |
| Ritchie Bros Auctioneers Inc.                      | Common and Preferred Stock 8,945 shares  | 517,289       |
| Synopsys Inc.                                      | Common and Preferred Stock 1,610 shares  | 514,057       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                             | Description of Investment                | Current Value |
|-----------------------------------------------|------------------------------------------|---------------|
| NICE Limited                                  | Common and Preferred Stock 2,649 shares  | 509,403       |
| Voya Financial Inc.                           | Common and Preferred Stock 8,159 shares  | 501,697       |
| Aon PLC                                       | Common and Preferred Stock 1,671 shares  | 501,534       |
| Lam Research Corporation                      | Common and Preferred Stock 1,168 shares  | 490,910       |
| American Express Company                      | Common and Preferred Stock 3,322 shares  | 490,826       |
| Ametek Inc.                                   | Common and Preferred Stock 3,510 shares  | 490,417       |
| Starbucks Corporation                         | Common and Preferred Stock 4,919 shares  | 487,965       |
| Charles River Laboratories International Inc. | Common and Preferred Stock 2,234 shares  | 486,789       |
| FleetCor Technologies Inc.                    | Common and Preferred Stock 2,630 shares  | 483,078       |
| JP Morgan Chase & Company                     | Common and Preferred Stock 3,600 shares  | 482,760       |
| Booking Holdings Inc.                         | Common and Preferred Stock 233 shares    | 469,560       |
| Sensata Technologies BV Holding               | Common and Preferred Stock 11,485 shares | 463,764       |
| Gildan Activewear Inc.                        | Common and Preferred Stock 16,718 shares | 458,073       |
| Adobe Systems Inc.                            | Common and Preferred Stock 1,335 shares  | 449,268       |
| Amdocs Limited                                | Common and Preferred Stock 4,903 shares  | 445,683       |
| Shopify Inc                                   | Common and Preferred Stock 12,798 shares | 444,219       |
| American International Group Inc.             | Common and Preferred Stock 6,919 shares  | 437,558       |
| Bristol Myers Squibb                          | Common and Preferred Stock 6,035 shares  | 434,218       |
| Amphenol Corporation Class A                  | Common and Preferred Stock 5,490 shares  | 418,009       |
| Frontdoor Inc.                                | Common and Preferred Stock 19,642 shares | 408,554       |
| Uber Technologies Inc.                        | Common and Preferred Stock 16,491 shares | 407,822       |
| Alight Inc. Class A                           | Common and Preferred Stock 48,658 shares | 406,781       |
| Warner Music Group Corporation Class A        | Common and Preferred Stock 11,572 shares | 405,251       |
| J2 Global Inc.                                | Common and Preferred Stock 5,122 shares  | 405,150       |
| Atlassian Corporation                         | Common and Preferred Stock 3,117 shares  | 401,096       |
| Axis Capital Holdings Limited                 | Common and Preferred Stock 7,397 shares  | 400,695       |
| Dollar General Corporation                    | Common and Preferred Stock 1,619 shares  | 398,679       |
| BWX Technologies Inc.                         | Common and Preferred Stock 6,825 shares  | 396,396       |
| IDEX Corporation                              | Common and Preferred Stock 1,698 shares  | 387,704       |
| NOV Inc.                                      | Common and Preferred Stock 18,554 shares | 387,593       |
| Hewlett Packard Enterprise Company            | Common and Preferred Stock 24,135 shares | 385,195       |
| Euronet Worldwide Inc.                        | Common and Preferred Stock 4,080 shares  | 385,070       |
| Bank of America Corporation*                  | Common and Preferred Stock 11,404 shares | 377,700       |
| Align Technology Inc.                         | Common and Preferred Stock 1,789 shares  | 377,300       |
| Snowflake Inc. Class A                        | Common and Preferred Stock 2,608 shares  | 374,352       |
| Catalent Inc.                                 | Common and Preferred Stock 8,225 shares  | 370,207       |
| Floor & Decor Holdings Inc.                   | Common and Preferred Stock 5,315 shares  | 370,083       |
| Lam Resh Corporation                          | Common and Preferred Stock 877 shares    | 368,603       |
| LKQ Corporation                               | Common and Preferred Stock 6,889 shares  | 367,941       |
| Entegris Inc.                                 | Common and Preferred Stock 5,570 shares  | 365,336       |
| UGI Corporation                               | Common and Preferred Stock 9,829 shares  | 364,361       |
| PVH Corporation                               | Common and Preferred Stock 5,103 shares  | 360,221       |
| Abbott Laboratories                           | Common and Preferred Stock 3,137 shares  | 344,411       |
| Halliburton Company                           | Common and Preferred Stock 8,619 shares  | 339,158       |
| Ingredion Inc.                                | Common and Preferred Stock 3,439 shares  | 336,781       |
| HealthEquity Inc.                             | Common and Preferred Stock 5,428 shares  | 334,582       |
| Huntington Bancshares Inc.                    | Common and Preferred Stock 23,452 shares | 330,673       |
| Acadia Healthcare Company Inc.                | Common and Preferred Stock 3,899 shares  | 320,966       |
| Cloudflare Inc.                               | Common and Preferred Stock 7,025 shares  | 317,600       |
| Churchill Downs Inc.                          | Common and Preferred Stock 1,465 shares  | 309,745       |
| Datadog Inc.                                  | Common and Preferred Stock 4,214 shares  | 309,729       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                          | Description of Investment                | Current Value |
|--------------------------------------------|------------------------------------------|---------------|
| Sarepta Therapeutics Inc.                  | Common and Preferred Stock 2,341 shares  | 303,347       |
| Trimble Inc.                               | Common and Preferred Stock 5,978 shares  | 302,248       |
| Brown & Brown Inc.                         | Common and Preferred Stock 5,295 shares  | 301,656       |
| Mohawk Industries Inc.                     | Common and Preferred Stock 2,945 shares  | 301,038       |
| Cabot Corporation                          | Common and Preferred Stock 4,468 shares  | 298,641       |
| Cooper Companies Inc.                      | Common and Preferred Stock 890 shares    | 294,296       |
| National Retail Properties Inc.            | Common and Preferred Stock 6,332 shares  | 289,752       |
| GlobalFoundries Inc.                       | Common and Preferred Stock 5,277 shares  | 284,378       |
| ACV Auctions Inc. Class A                  | Common and Preferred Stock 34,326 shares | 281,816       |
| On Semiconductor Corporation               | Common and Preferred Stock 4,496 shares  | 280,416       |
| Goldman Sachs Group Inc.                   | Common and Preferred Stock 807 shares    | 277,108       |
| Dycom Industries Inc.                      | Common and Preferred Stock 2,883 shares  | 269,849       |
| Western Alliance Bancorporation            | Common and Preferred Stock 4,491 shares  | 267,484       |
| Momentive Global Inc.                      | Common and Preferred Stock 37,986 shares | 265,902       |
| Carter Inc.                                | Common and Preferred Stock 3,550 shares  | 264,866       |
| FTI Consulting Inc.                        | Common and Preferred Stock 1,664 shares  | 264,243       |
| Forward Air Corporation                    | Common and Preferred Stock 2,493 shares  | 261,491       |
| Tennant Company                            | Common and Preferred Stock 4,242 shares  | 261,180       |
| MACOM Technology Solutions Holdings Inc.   | Common and Preferred Stock 4,131 shares  | 260,170       |
| Keysight Technologies Inc.                 | Common and Preferred Stock 1,472 shares  | 251,815       |
| Gartner Inc.                               | Common and Preferred Stock 747 shares    | 251,097       |
| DoorDash Inc. Class A                      | Common and Preferred Stock 5,016 shares  | 244,881       |
| Nvidia Corporation                         | Common and Preferred Stock 1,661 shares  | 242,739       |
| ZipRecruiter Inc. Class A                  | Common and Preferred Stock 14,536 shares | 238,681       |
| Huron Consulting Group Inc.                | Common and Preferred Stock 3,249 shares  | 235,877       |
| NRG Energy Inc.                            | Common and Preferred Stock 7,361 shares  | 234,227       |
| AerCap Holdings N.V.                       | Common and Preferred Stock 3,972 shares  | 231,647       |
| KAR Auction Services Inc.                  | Common and Preferred Stock 17,586 shares | 229,497       |
| Belden Inc.                                | Common and Preferred Stock 3,117 shares  | 224,112       |
| BankUnited Inc.                            | Common and Preferred Stock 6,543 shares  | 222,266       |
| Sea Limited                                | Common and Preferred Stock 4,249 shares  | 221,075       |
| N-Able Technologies International Inc.     | Common and Preferred Stock 21,491 shares | 220,927       |
| CarGurus Inc. Class A                      | Common and Preferred Stock 15,757 shares | 220,756       |
| National Bank Holdings Corporation Class A | Common and Preferred Stock 5,109 shares  | 214,936       |
| LPL Financial Holdings Inc.                | Common and Preferred Stock 994 shares    | 214,873       |
| Chemed Corporation                         | Common and Preferred Stock 416 shares    | 212,339       |
| UBS Group AG                               | Common and Preferred Stock 11,334 shares | 211,606       |
| Albany International Corporation Class A   | Common and Preferred Stock 2,133 shares  | 210,292       |
| ALLETE Inc.                                | Common and Preferred Stock 3,257 shares  | 210,109       |
| Altra Industrial Motion Corporation        | Common and Preferred Stock 3,506 shares  | 209,484       |
| Advanced Energy Industries Inc.            | Common and Preferred Stock 2,439 shares  | 209,217       |
| Certara Inc.                               | Common and Preferred Stock 12,861 shares | 206,676       |
| Magna International Inc.                   | Common and Preferred Stock 3,673 shares  | 206,349       |
| KBR, Inc.                                  | Common and Preferred Stock 3,904 shares  | 206,131       |
| Pfizer Inc.                                | Common and Preferred Stock 4,022 shares  | 206,087       |
| Edwards Lifesciences Corporation           | Common and Preferred Stock 2,698 shares  | 201,298       |
| Prosperity Bancshares Inc.                 | Common and Preferred Stock 2,759 shares  | 200,524       |
| ASGN Inc.                                  | Common and Preferred Stock 2,428 shares  | 197,833       |
| Bio-Techne Corporation                     | Common and Preferred Stock 2,379 shares  | 197,172       |
| Sally Beauty Holdings Inc.                 | Common and Preferred Stock 15,576 shares | 195,012       |
| Trinet Group Inc.                          | Common and Preferred Stock 2,830 shares  | 191,874       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                         | Description of Investment                | Current Value |
|-------------------------------------------|------------------------------------------|---------------|
| Nasdaq Inc.                               | Common and Preferred Stock 3,077 shares  | 188,774       |
| Graphic Packaging Holding Company         | Common and Preferred Stock 8,429 shares  | 187,545       |
| Cardinal Health, Inc.                     | Common and Preferred Stock 2,414 shares  | 185,564       |
| Teleflex Inc.                             | Common and Preferred Stock 742 shares    | 185,225       |
| Carlisle Companies Inc.                   | Common and Preferred Stock 784 shares    | 184,750       |
| Monday.com Limited                        | Common and Preferred Stock 1,509 shares  | 184,098       |
| Kirby Corporation                         | Common and Preferred Stock 2,857 shares  | 183,848       |
| WillScot Mobile Mini Holdings Corporation | Common and Preferred Stock 4,062 shares  | 183,481       |
| McKesson Corporation                      | Common and Preferred Stock 483 shares    | 181,183       |
| Range Resources Corporation               | Common and Preferred Stock 7,153 shares  | 178,968       |
| Box Inc. Class A                          | Common and Preferred Stock 5,736 shares  | 178,562       |
| Smartsheet Inc. Class A                   | Common and Preferred Stock 4,518 shares  | 177,828       |
| Matson Inc.                               | Common and Preferred Stock 2,840 shares  | 177,528       |
| Shell plc                                 | Common and Preferred Stock 3,111 shares  | 177,171       |
| Charter Communications, Inc. Class A      | Common and Preferred Stock 519 shares    | 175,993       |
| Copart Inc.                               | Common and Preferred Stock 2,879 shares  | 175,302       |
| First American Financial Corporation      | Common and Preferred Stock 3,327 shares  | 174,135       |
| Northern Trust Interest Bearing Cash*     | Cash and Cash Equivalents 173,146 units  | 173,146       |
| Supernus Pharmaceuticals Inc.             | Common and Preferred Stock 4,832 shares  | 172,357       |
| WisdomTree Investments Inc.               | Common and Preferred Stock 31,440 shares | 171,348       |
| Signature Bank                            | Common and Preferred Stock 1,480 shares  | 170,526       |
| Diamondback Energy Inc.                   | Common and Preferred Stock 1,214 shares  | 166,051       |
| Dolby Laboratories Inc.                   | Common and Preferred Stock 2,353 shares  | 165,981       |
| Graco Inc.                                | Common and Preferred Stock 2,436 shares  | 163,845       |
| Airbnb Inc. Class A                       | Common and Preferred Stock 1,912 shares  | 163,476       |
| Barnes Group Inc.                         | Common and Preferred Stock 3,976 shares  | 162,420       |
| Itron Inc.                                | Common and Preferred Stock 3,088 shares  | 156,407       |
| Cohen & Steers Inc.                       | Common and Preferred Stock 2,421 shares  | 156,300       |
| Under Armour Inc. Class C                 | Common and Preferred Stock 17,492 shares | 156,029       |
| Woodward Inc.                             | Common and Preferred Stock 1,596 shares  | 154,190       |
| AptarGroup Inc.                           | Common and Preferred Stock 1,399 shares  | 153,862       |
| Mednax Inc.                               | Common and Preferred Stock 10,339 shares | 153,638       |
| Grand Canyon Education Inc.               | Common and Preferred Stock 1,421 shares  | 150,143       |
| Okta Inc.                                 | Common and Preferred Stock 2,156 shares  | 147,319       |
| Prestige Consumer Healthcare Inc.         | Common and Preferred Stock 2,345 shares  | 146,797       |
| Oceaneering International Inc.            | Common and Preferred Stock 8,251 shares  | 144,310       |
| Dynatrace Inc.                            | Common and Preferred Stock 3,731 shares  | 142,897       |
| Alamos Gold Inc. Class A                  | Common and Preferred Stock 13,941 shares | 140,944       |
| Generac Holdings Inc.                     | Common and Preferred Stock 1,396 shares  | 140,521       |
| Veracyte Inc.                             | Common and Preferred Stock 5,896 shares  | 139,912       |
| Encompass Health Corporation              | Common and Preferred Stock 2,321 shares  | 138,819       |
| BRP Group Inc. Class A                    | Common and Preferred Stock 5,498 shares  | 138,220       |
| NexTier Oilfield Solutions Inc.           | Common and Preferred Stock 14,847 shares | 137,186       |
| Monro Inc.                                | Common and Preferred Stock 3,025 shares  | 136,730       |
| Knowles Corporation                       | Common and Preferred Stock 8,186 shares  | 134,414       |
| Markel Corporation Holding Company        | Common and Preferred Stock 102 shares    | 134,384       |
| TreeHouse Foods Inc.                      | Common and Preferred Stock 2,710 shares  | 133,820       |
| Consensus Cloud Solutions Inc.            | Common and Preferred Stock 2,430 shares  | 130,637       |
| ACI Worldwide Inc.                        | Common and Preferred Stock 5,669 shares  | 130,387       |
| Teledyne Technologies Inc.                | Common and Preferred Stock 325 shares    | 129,971       |
| 10X Genomics Inc. Class A                 | Common and Preferred Stock 3,560 shares  | 129,726       |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                 | Description of Investment                | Current Value |
|---------------------------------------------------|------------------------------------------|---------------|
| Hexcel Corporation                                | Common and Preferred Stock 2,182 shares  | 128,411       |
| Tronox Holdings PLC                               | Common and Preferred Stock 9,262 shares  | 126,982       |
| John Bean Technologies Corporation                | Common and Preferred Stock 1,375 shares  | 125,579       |
| Matthews International Corporation Class A        | Common and Preferred Stock 4,097 shares  | 124,713       |
| SpringWorks Therapeutics Inc.                     | Common and Preferred Stock 4,670 shares  | 121,467       |
| Ciena Corporation                                 | Common and Preferred Stock 2,380 shares  | 121,332       |
| United Community Bank Blairsville Georgia         | Common and Preferred Stock 3,588 shares  | 121,274       |
| Texas Capital Bancshares Inc.                     | Common and Preferred Stock 1,997 shares  | 120,439       |
| Knight-Swift Transportation Holdings Inc. Class A | Common and Preferred Stock 2,296 shares  | 120,333       |
| Helen Trustoy Limited                             | Common and Preferred Stock 1,084 shares  | 120,226       |
| Jacobs Solutions Inc.                             | Common and Preferred Stock 985 shares    | 118,269       |
| Hanesbrands Inc.                                  | Common and Preferred Stock 18,223 shares | 115,898       |
| Pacific Premier Bancorp Inc.                      | Common and Preferred Stock 3,669 shares  | 115,794       |
| Agios Pharmaceuticals Inc.                        | Common and Preferred Stock 4,120 shares  | 115,690       |
| Nu Skin Enterprises Inc. Class A                  | Common and Preferred Stock 2,736 shares  | 115,350       |
| Nevro Corporation                                 | Common and Preferred Stock 2,855 shares  | 113,058       |
| C.H. Robinson Worldwide Inc.                      | Common and Preferred Stock 1,218 shares  | 111,520       |
| NCR Corporation                                   | Common and Preferred Stock 4,743 shares  | 111,034       |
| Canada Goose Holdings Inc.                        | Common and Preferred Stock 6,176 shares  | 109,995       |
| World Wrestling Entertainment                     | Common and Preferred Stock 1,603 shares  | 109,838       |
| 8X8 Inc.                                          | Common and Preferred Stock 24,905 shares | 107,590       |
| JBG SMITH Properties                              | Common and Preferred Stock 5,623 shares  | 106,725       |
| Coherent Corporation                              | Common and Preferred Stock 3,037 shares  | 106,599       |
| Cimpress plc                                      | Common and Preferred Stock 3,820 shares  | 105,470       |
| Sportradar Group                                  | Common and Preferred Stock 10,499 shares | 104,570       |
| Legend Biotech Corporation                        | Common and Preferred Stock 2,069 shares  | 103,284       |
| Docusign Inc.                                     | Common and Preferred Stock 1,862 shares  | 103,192       |
| Summit Materials Inc.                             | Common and Preferred Stock 3,635 shares  | 103,191       |
| SLR Investment Corporation                        | Common and Preferred Stock 7,395 shares  | 102,864       |
| Aspen Technology Inc.                             | Common and Preferred Stock 472 shares    | 96,949        |
| CareDx Inc.                                       | Common and Preferred Stock 8,482 shares  | 96,780        |
| Azekpany Inc.                                     | Common and Preferred Stock 4,640 shares  | 94,285        |
| Qualtrics International Inc.                      | Common and Preferred Stock 9,078 shares  | 94,230        |
| Haemonetics Corporation                           | Common and Preferred Stock 1,170 shares  | 92,021        |
| IAA Spincor Inc.                                  | Common and Preferred Stock 2,264 shares  | 90,560        |
| iShares Russell Mid-Cap ETF                       | Mutual Fund 1,340 units                  | 90,383        |
| J & J Snack Foods Corporation                     | Common and Preferred Stock 603 shares    | 90,275        |
| Mid-American Apartment Communities Inc.           | Common and Preferred Stock 573 shares    | 89,955        |
| PacWest Bancorp                                   | Common and Preferred Stock 3,818 shares  | 87,623        |
| Sumo Logic Inc.                                   | Common and Preferred Stock 10,650 shares | 86,265        |
| Sotera Health Company                             | Common and Preferred Stock 10,125 shares | 84,341        |
| AZZ Inc.                                          | Common and Preferred Stock 2,095 shares  | 84,219        |
| Arvinas Inc.                                      | Common and Preferred Stock 2,458 shares  | 84,088        |
| Northwestern Corporation                          | Common and Preferred Stock 1,400 shares  | 83,076        |
| Farfetch Limited Class A                          | Common and Preferred Stock 17,511 shares | 82,827        |
| Infinera Corporation                              | Common and Preferred Stock 12,063 shares | 81,305        |
| Silgan Holdings Inc.                              | Common and Preferred Stock 1,552 shares  | 80,456        |
| Omniceil Inc.                                     | Common and Preferred Stock 1,541 shares  | 77,697        |
| Flowserve Corporation                             | Common and Preferred Stock 2,530 shares  | 77,620        |
| Wolverine World Wide Inc.                         | Common and Preferred Stock 7,070 shares  | 77,275        |
| Middleby Corporation                              | Common and Preferred Stock 575 shares    | 76,993        |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                                                                       | Description of Investment                | Current Value |
|---------------------------------------------------------------------------------------------------------|------------------------------------------|---------------|
| Tenable Holdings Inc.                                                                                   | Common and Preferred Stock 2,011 shares  | 76,720        |
| Relay Therapeutics Inc.                                                                                 | Common and Preferred Stock 5,078 shares  | 75,865        |
| Harsco Corporation                                                                                      | Common and Preferred Stock 11,957 shares | 75,210        |
| IPG Photonics Corporation                                                                               | Common and Preferred Stock 783 shares    | 74,127        |
| KB Home                                                                                                 | Common and Preferred Stock 2,273 shares  | 72,395        |
| iShares Core S&P Small-Cap ETF                                                                          | Mutual Fund 754 units                    | 71,359        |
| Doximity Inc.                                                                                           | Common and Preferred Stock 2,092 shares  | 70,208        |
| C4 Therapeutics Inc.                                                                                    | Common and Preferred Stock 11,878 shares | 70,080        |
| Herbalife Nutrition Limited                                                                             | Common and Preferred Stock 4,671 shares  | 69,504        |
| Banner Corporation                                                                                      | Common and Preferred Stock 1,089 shares  | 68,825        |
| Rocket Lab USA Inc.                                                                                     | Common and Preferred Stock 18,208 shares | 68,644        |
| 1-800-FLOWERS.COM Inc. Class A                                                                          | Common and Preferred Stock 7,102 shares  | 67,895        |
| Axogen Inc.                                                                                             | Common and Preferred Stock 6,787 shares  | 67,734        |
| STAG Industrial Inc.                                                                                    | Common and Preferred Stock 2,083 shares  | 67,302        |
| WSFS Financial Corporation                                                                              | Common and Preferred Stock 1,483 shares  | 67,239        |
| Fox Factory Holding Corporation                                                                         | Common and Preferred Stock 732 shares    | 66,780        |
| Coherus BioSciences Inc.                                                                                | Common and Preferred Stock 8,220 shares  | 65,102        |
| Albemarle Corporation                                                                                   | Common and Preferred Stock 298 shares    | 64,624        |
| Sonos Inc.                                                                                              | Common and Preferred Stock 3,759 shares  | 63,527        |
| Boston Properties Inc.                                                                                  | Common and Preferred Stock 896 shares    | 60,552        |
| Mercury Systems Inc.                                                                                    | Common and Preferred Stock 1,351 shares  | 60,444        |
| Designer Brands Inc. Class A                                                                            | Common and Preferred Stock 6,048 shares  | 59,149        |
| Heartland Express Inc.                                                                                  | Common and Preferred Stock 3,678 shares  | 56,421        |
| Berkshire Hills Bancorp Inc.                                                                            | Common and Preferred Stock 1,723 shares  | 51,518        |
| CalAmp Corporation                                                                                      | Common and Preferred Stock 10,489 shares | 46,991        |
| PetIQ Inc. Class A                                                                                      | Common and Preferred Stock 4,839 shares  | 44,616        |
| Stevanato Group S.p.A.                                                                                  | Common and Preferred Stock 2,349 shares  | 42,212        |
| Adeia Inc.                                                                                              | Common and Preferred Stock 4,022 shares  | 38,129        |
| iShares Russell 2000 ETF                                                                                | Mutual Fund 215 units                    | 37,487        |
| Rogers Corporation                                                                                      | Common and Preferred Stock 268 shares    | 31,983        |
| Sterling Check Corporation                                                                              | Common and Preferred Stock 2,014 shares  | 31,157        |
| Istar Inc.                                                                                              | Common and Preferred Stock 3,418 shares  | 26,079        |
| Enhabit Inc.                                                                                            | Common and Preferred Stock 1,160 shares  | 15,266        |
| eHealth Inc.                                                                                            | Common and Preferred Stock 2,234 shares  | 10,813        |
| Safehold Inc.                                                                                           | Common and Preferred Stock 261 shares    | 7,470         |
| Total U.S. Equity Active Asset Class                                                                    |                                          | 109,563,201   |
| U.S. Equity Index Asset Class:                                                                          |                                          |               |
| NT Collective Russell 3000 Index Fund / Non Lending*                                                    | Collective Trust Fund 1,301,755 units    | 77,492,154    |
| Total U.S. Equity Index Asset Class                                                                     |                                          | 77,492,154    |
| International Equity Active Asset Class:                                                                |                                          |               |
| Mawer International Equity Collective Investment Trust Class B*                                         | Collective Trust Fund 1,003,963 units    | 14,314,907    |
| Polaris Capital Management Collective Investment Trust International Value Collective Fund*             | Collective Trust Fund 1,420,400 units    | 14,170,766    |
| Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C* | Collective Trust Fund 886,595 units      | 10,887,388    |
| Dodge & Cox International Fund*                                                                         | Mutual Fund 188,967 units                | 8,146,368     |

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

| Identity of Issue                                                                                             | Description of Investment              | Current Value         |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------|
| Wilmington Trust Collective Investment Trust /<br>Jennison International Equity Opportunities CIT<br>Class J* | Collective Trust Fund 1,023,424 units  | 7,870,129             |
| NT Collective MSCI All Country World Index<br>(ACWI) ex/US Index Fund / Non Lending*                          | Collective Trust Fund 17,529 units     | 3,243,062             |
| Total International Equity Active Asset Class                                                                 |                                        | 58,632,620            |
| International Equity Index Asset Class:                                                                       |                                        |                       |
| NT Collective MSCI All Country World Index<br>(ACWI) ex/US Index Fund /Non Lending (Tier<br>J)*               | Collective Trust Fund 128,332 units    | 21,674,049            |
| BlackRock FTSE RAFI Emerging Index Non<br>Lendable Fund F                                                     | Collective Trust Fund 1,675 units      | 8,859                 |
| Total International Equity Index Asset Class                                                                  |                                        | 21,682,908            |
| Participant Self-Directed Accounts                                                                            | Various Investments                    | 8,311,430             |
|                                                                                                               |                                        | 8,311,430             |
| Notes Receivable from Participants*                                                                           | Interest Rate 4.25% - 9.25%            | 15,315,527            |
|                                                                                                               |                                        | 15,315,527            |
| Other:                                                                                                        |                                        |                       |
| Vanguard Federal Money Market                                                                                 | Cash and Cash Equivalents 27,135 units | 27,135                |
| NT Collective Short Term Investment Fund*                                                                     | Collective Trust Fund 526,957 units    | 1,368                 |
| Total Other                                                                                                   |                                        | 28,503                |
| Grand Total                                                                                                   |                                        | <u>\$ 610,319,469</u> |

\* Indicates party-in-interest