

Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security
Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

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).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 06/30/2022

- A** This return/report is for:
 - a multiemployer plan
 - a single-employer plan
 - a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
 - a DFE (specify) _____
- B** This return/report is:
 - the first return/report
 - the final return/report
 - an amended return/report
 - a short plan year return/report (less than 12 months)
- C** If the plan is a collectively-bargained plan, check here. ▶
- D** Check box if filing under:
 - Form 5558
 - automatic extension
 - the DFVC program
 - special extension (enter description)
- E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶

Part II Basic Plan Information—enter all requested information

1a Name of plan <u>RENAISSANCE TECHNOLOGIES LLC EMPLOYEE IRA PLAN</u>	1b Three-digit plan number (PN) ▶ <u>003</u>
	1c Effective date of plan <u>05/01/2012</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>RENAISSANCE TECHNOLOGIES LLC</u> <u>800 THIRD AVENUE</u> <u>NEW YORK, NY 10022</u>	2b Employer Identification Number (EIN) <u>26-0385758</u>
	2c Plan Sponsor's telephone number <u>212-821-1535</u>
	2d Business code (see instructions) <u>523900</u>

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.

SIGN HERE	<u>Filed with authorized/valid electronic signature.</u>	<u>04/17/2023</u>	<u>BRIAN FELCZAK</u>
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	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

3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	3b Administrator's EIN	
	3c Administrator's telephone number	
4 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: a Sponsor's name c Plan Name	4b EIN	
	4d PN	
5 Total number of participants at the beginning of the plan year	5	248
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1)	248
	6a(2)	0
	6b	0
	6c	0
	6d	0
	6e	0
	6f	0
	6g	0
	6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2F 2G 2N 3C		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		

9a Plan funding arrangement (check all that apply)	9b Plan benefit arrangement (check all that apply)
(1) <input type="checkbox"/> Insurance	(1) <input type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

<p>a Pension Schedules</p> <p>(1) <input checked="" type="checkbox"/> R (Retirement Plan Information)</p> <p>(2) <input type="checkbox"/> MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary</p> <p>(3) <input type="checkbox"/> SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary</p>	<p>b General Schedules</p> <p>(1) <input checked="" type="checkbox"/> H (Financial Information)</p> <p>(2) <input type="checkbox"/> I (Financial Information – Small Plan)</p> <p>(3) <input type="checkbox"/> 0 A (Insurance Information)</p> <p>(4) <input type="checkbox"/> C (Service Provider Information)</p> <p>(5) <input type="checkbox"/> D (DFE/Participating Plan Information)</p> <p>(6) <input type="checkbox"/> G (Financial Transaction Schedules)</p>
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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 _____

**SCHEDULE H
(Form 5500)**

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

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).

► **File as an attachment to Form 5500.**

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 **06/30/2022**

A Name of plan RENAISSANCE TECHNOLOGIES LLC EMPLOYEE IRA PLAN	B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 RENAISSANCE TECHNOLOGIES LLC	D Employer Identification Number (EIN) 26-0385758

Part I Asset and Liability Statement

1 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. **Round off amounts to the nearest dollar.** 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
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities.....	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred.....	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred.....	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests.....	1c(5)	2694324789	0
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts.....	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)		
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation.....	1e		
f Total assets (add all amounts in lines 1a through 1e).....	1f	2694324789	0
Liabilities			
g Benefit claims payable.....	1g		
h Operating payables.....	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j		
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	2694324789	0

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
a Contributions:			
(1) Received or receivable in cash from: (A) Employers.....	2a(1)(A)		
(B) Participants.....	2a(1)(B)	12211584	
(C) Others (including rollovers).....	2a(1)(C)		
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2).....	2a(3)		12211584
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)		
(B) U.S. Government securities.....	2b(1)(B)		
(C) Corporate debt instruments.....	2b(1)(C)		
(D) Loans (other than to participants).....	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)		
(F) Other.....	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		0
(2) Dividends:			
(A) Preferred stock.....	2b(2)(A)		
(B) Common stock.....	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A), (B), and (C).....	2b(2)(D)		0
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets:			
(A) Aggregate proceeds.....	2b(4)(A)		
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets:			
(A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B).....	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(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)		515997057
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		528208641
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	3222533430	
(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)		3222533430
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
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)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		0
j Total expenses. Add all expense amounts in column (b) and enter total	2j		3222533430
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		-2694324789
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: PRICEWATERHOUSECOOPERS LLP

(2) EIN: 13-4008324

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 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.).....	4b		X	
c 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.)	4c		X	
d 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.).....	4d		X	
e Was this plan covered by a fidelity bond?.....	4e	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g 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?	4g		X	
h 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?.....	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	4i		X	
j 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.).....	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k	X		
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n 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.	4n			

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 0.

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 _____.

SCHEDULE R (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Retirement Plan Information 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). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 06/30/2022

A Name of plan <u>RENAISSANCE TECHNOLOGIES LLC EMPLOYEE IRA PLAN</u>	B Three-digit plan number (PN) ▶	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>RENAISSANCE TECHNOLOGIES LLC</u>	D Employer Identification Number (EIN) <u>26-0385758</u>	

Part I	Distributions
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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
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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):
EIN(s): _____

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.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? Yes No N/A
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 _____
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? Yes No 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? Yes No N/A

Part III	Amendments
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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..... Increase Decrease Both 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.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... Yes No

11 a Does the ESOP hold any preferred stock?..... Yes 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.)..... Yes No

12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... Yes No

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): _____

14 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:

a 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).....	14a	
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)	14b	
c 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).....	14c	

15 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:

a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
b The corresponding number for the second preceding plan year.....	15b	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
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.....	16b	

17 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

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 _____

Renaissance Technologies LLC Employee IRA Plan

Financial Statements

**As of June 30, 2022 (in Liquidation) and
December 31, 2021 (Going Concern)**

Renaissance Technologies LLC Employee IRA Plan

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June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

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Report of Independent Auditors

To the Administrator of Renaissance Technologies LLC Employee IRA Plan

Opinion

We have audited the accompanying financial statements of Renaissance Technologies LLC Employee IRA Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statement of net assets available for benefits (in liquidation) as of June 30, 2022 and the related statement of changes in net assets available for benefits (in liquidation) for the period from June 1, 2022 to June 30, 2022, the statement of changes in net assets available for benefits (going concern) for the period from January 1, 2022 to May 31, 2022, and the statement of net assets available for benefits (going concern) as of December 31, 2021, including 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 (in liquidation) of the Plan as of June 30, 2022, the changes in its net assets available for benefits (in liquidation) for the period from June 1, 2022 to June 30, 2022, the changes in its net assets available for benefits (going concern) for the period from January 1, 2022 to May 31, 2022, and its net assets available for benefits (going concern) as of December 31, 2021, in accordance with accounting principles generally accepted in the United States of America applied on the bases described in Note 2.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditors' 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 audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Basis of Accounting

As discussed in Note 1 to the financial statements, the Board of Directors of Renaissance Technologies LLC approved a plan of liquidation and determined liquidation was imminent. As a result, the Plan changed its basis of accounting on June 1, 2022 from the going concern basis to a liquidation basis. Our opinion is not modified with respect to this matter.

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.



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.

Auditors' 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 auditors' 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 US 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 US 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.

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.

PriceWaterhouseCoopers LLP

New York, NY
April 13, 2023

Renaissance Technologies LLC Employee IRA Plan
Statements of Net Assets Available for Benefits
June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

	<u>2022</u>	<u>2021</u>
Assets		
Investments, at fair value	\$-	\$2,694,324,789
Net Assets Available for Benefits	\$-	\$2,694,324,789

The accompanying notes are an integral part of these financial statements

Renaissance Technologies LLC Employee IRA Plan
Statement of Changes in Net Assets Available for Benefits for the Period from June 1, 2022 through June 30, 2022 (in Liquidation), and for the Period from January 1, 2022 through May 31, 2022 (Going Concern)

	June 1 - June 30, 2022 (In Liquidation)	January 1 - May 31, 2022 (Going Concern)
Additions to Net Assets Attributed to:		
Investment income:		
Net appreciation on investments	\$-	\$560,117,902
Total Investment Income	-	560,117,902
Contributions:		
Participants	-	12,211,584
Total Contributions	-	12,211,584
Total Additions	-	572,329,486
Deductions from Net Assets Attributable to:		
Investment loss:		
Net loss on investments	\$44,120,845	-
Redemptions of Interests		214,521,010
Liquidation redemptions of Interests	3,008,012,420	
Total Deductions	3,052,133,265	214,521,010
Net (Decrease)/Increase	(3,052,133,265)	357,808,476
Net Assets Available for Benefits, Beginning of Period	3,052,133,265	\$2,694,324,789
Net Assets Available for Benefits, End of Period	-	\$3,052,133,265

The accompanying notes are an integral part of these financial statements.

Renaissance Technologies LLC Employee IRA Plan

Notes to Financial Statements

June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

1. Description of the Plan

General

The Renaissance Technologies LLC Employee IRA Plan (the “Plan”) was established effective as of May 1, 2012, in order to provide permitted individuals and eligible employees of Renaissance Technologies LLC (the “Company” or “Renaissance”) the opportunity to invest their individual retirement accounts (“IRAs”) on a fee-free basis in interests in certain investment funds (“Interests”) for which the Company is the general partner, managing member or investment manager (the “Funds”).

The Company obtained Prohibited Transaction Exemption 2012-10 (the “Original PTE”) from the United States Department of Labor, retroactive to January 1, 2012, in order to permit investments in the Funds by Plan participants’ IRAs. The Original PTE was amended by Prohibited Transaction exemption 2014-9, effective as of October 1, 2014 (the Original PTE, as so amended, defined herein as the “PTE”).

Pursuant to the PTE, the Company, as the sponsor of the Plan and a fiduciary with respect to the participants’ IRAs, is required to operate the Plan in accordance with Title I of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended.

The following description of the Plan provides only general information. Participants should refer to the Plan document for a more complete description of the Plan’s provisions.

Consistent with the conditions of the PTE, the Plan is intended to be an employee pension benefit plan as defined in Section 3(2) of ERISA, and is administered by the Company through a committee of appointed members (the “Committee” or “Plan Administrator”). The Plan Administrator is responsible for providing Plan participants with information about their rights and benefits under the Plan. Participants may direct the investment of their IRAs to the Funds subject to the governing documents of such Funds and applicable federal and state securities and other laws. Each participant’s individual IRA custodian or trustee (the “IRA Custodian” or “Trustee”) is responsible for the holding, recordkeeping, payment and other administration of any IRA, and such other obligations arising from the participant’s agreement with the IRA Custodian.

Any employee will be a participant in the Plan (a “Participant”) beginning on the date he or she first invests any assets of an IRA in Interests and will continue as such until the later of his or her termination of employment or the date he or she has no IRA investment in Interests.

If a former employee is permitted, under the governing documents of a Fund or under the PTE, to make or continue to hold IRA investments in Interests after his or her termination of employment, he or she will continue to be a Participant until he or she no longer has any such IRA investment in Interests.

If a Participant ceases to be a Participant because he or she no longer has an IRA investment in Interests and thereafter reinvests any assets or his or her IRA in Interests in a manner permitted by the governing documents of a Fund or the PTE, that person will immediately become a Participant again upon the acquisition of an Interest.

If a Participant had a termination of employment but becomes an employee again, he or she may again become a Participant.

The Board of Directors of the Company approved the liquidation and dissolution of the Plan (the “Liquidation”), and the Plan adopted the liquidation basis of accounting on June 1, 2022. As of June 30, 2022, all Interests held by IRAs were redeemed for cash, which cash was subsequently distributed to the IRAs.

Renaissance Technologies LLC Employee IRA Plan

Notes to Financial Statements

June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

Contributions

A Participant may make contributions to the Participant's respective IRA, subject to the applicable rules and limitations in the Internal Revenue Code ("IRC") and the provisions of the applicable IRA agreement. A Participant may then invest his or her IRA in Interests. There is no involvement or responsibility by the Company or the Plan Administrator with respect to such contributions. No Company contributions are made to the Plan.

Vesting

Participants are immediately 100% vested in their respective Plan balances.

Administrative Expenses

The general and administrative expenses of the Plan are paid by the Company in both the going concern and liquidation periods.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements are prepared on the accrual Going Concern basis of accounting in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") through May 31, 2022, and all values are stated in U.S. Dollars. Upon adoption of the liquidation basis of accounting, the Plan records its Interests at liquidation value, as determined in good faith by the Company. The liquidation value of the Interests was approximated by net asset value, which is consistent with the valuation employed during the going concern period.

Valuation of Investments

Prior to the adoption of the liquidation basis of accounting, investments in the Funds were measured at fair value. The Company follows the practical expedient provisions per Financial Accounting Standards Board Accounting Standards Codification 820 ("FASB ASC 820"), which permits the Company to estimate the fair value of investments at net asset value if the net asset value is calculated in a manner consistent with the measurement principles of Financial Accounting Standards Board Accounting Standards Codification 946, Financial Services - Investment Companies ("FASB ASC 946"). The Company evaluates each investment to determine that its net asset value is calculated in a manner consistent with FASB ASC 946. In accordance with FASB ASC 946, the Company also considers whether an adjustment to the net asset value is necessary based upon various factors, including, but not limited to, the attributes of the interest in the investment held, including the rights and obligations, and any restrictions on or illiquidity of such interests, and the fair value of the Funds' investment portfolio or other assets and liabilities. No adjustments were considered necessary. As noted above, liquidation value approximates fair value.

Income Recognition

Investment transactions are recorded on the effective date of the contribution to or redemption from the Interests. Gains/(losses) on the Funds are recorded pursuant to the governing documents of each Fund and are communicated by the Committee to the IRA Custodians. Net appreciation on investments consists of gains and losses on investments bought and sold as well as held during the year.

Renaissance Technologies LLC Employee IRA Plan

Notes to Financial Statements

June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

Redemptions of Interests

Redemptions of Interests are recorded when redeemed.

A Participant's Interest in a Fund will be redeemed, in whole or part, as applicable, in accordance with the Plan document on the Fund redemption date immediately following the earliest to occur of 1) the date as of which an amount representing the Interest held by an IRA in a Fund is to be distributed to a Participant or beneficiary under the terms of the IRA, including pursuant to a Participant's election to redeem an Interest; 2) the termination of the Plan; 3) the date on which a person loses his or her status as a Participant; or 4) when necessary to effect a qualified domestic relations order as defined in the Plan.

All redemptions will be in accordance with the governing documents and procedures of the Fund, and will be made to the IRA, not to a Participant.

Use of Estimates

Under the liquidation basis of accounting, all assets and liabilities are measured at their liquidation values. Liquidation value is defined as the amount of cash or other consideration the Plan expects to collect or pay in settling liabilities or disposing of assets in carrying out its plan for liquidation.

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the fair value of investments, the reported amounts of other assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results may differ from those estimates.

3. Fair Value Measurements and Disclosures

ASC 820, *Fair Value Measurements and Disclosures*, defines fair value, establishes a framework for measuring fair value, and expands disclosures about assets and liabilities measured at fair value. The objective of a fair value measurement is to determine the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). Under ASC 820, fair value measurements are not adjusted for transaction costs.

The standard prioritizes, within a measurement of fair value, the use of market-based inputs over entity specific inputs and establishes a three-level valuation hierarchy for disclosure of fair value measurements based on the transparency of inputs to the valuation of an asset or liability. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 inputs); quoted prices in markets that are not considered to be active or assets and liabilities for which all significant inputs are observable, either directly or indirectly, for substantially the full term of the asset or liability (Level 2 inputs); and finally, unobservable inputs (Level 3 inputs). An asset or liability's categorization within the valuation hierarchy is based on the lowest level of input that is significant, individually or in the aggregate, to the fair value measurement.

As of June 30, 2022 and December 31, 2021, the Plan held \$0 and \$2,694,324,789, respectively, in Interests in the Funds. The Plan values the Funds using the practical expedient and therefore these investments have not been categorized in the fair value hierarchy.

Renaissance Technologies LLC Employee IRA Plan

Notes to Financial Statements

June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

4. Fund Investment Objectives

The following is a brief description of the investment objectives, strategies, and certain attributes of the Funds in which the Plan holds Interests, see Note 7:

Long/Short Equity Funds

The Plan holds Interests in two Long/Short Equity Funds whose strategies are as follows:

The investment objective of the first such fund is to achieve over the long term a risk-adjusted return that, on a gross basis, exceeds that of the S&P 500 Index (with dividends reinvested) (the “Index”) with lower volatility than the Index and relatively low beta by investing in a widely diversified portfolio consisting almost exclusively of listed global (i.e., U.S. and non-U.S.) equity securities that are publicly traded on U.S. securities exchanges. Redemptions are permitted quarterly, and written notice of the requested redemption must be received no later than noon (New York time) on the first business day of the calendar month immediately preceding the redemption date.

The investment objective of the second such fund is to maximize long-term return while attempting to meet a standard deviation target selected by the Company, maintaining low long-term beta relative to capitalization-weighted equity market indices. This strategy invests in equity securities that are publicly traded on global securities exchanges, as well as derivatives thereon. Redemptions are permitted quarterly, and written notice of the requested redemption must be received no later than noon (New York time) on the first business day of the calendar month immediately preceding the redemption date.

Managed Equities Fund

The investment objective is to maximize long-term return while attempting to meet a standard deviation target selected by the Company with low correlation to the U.S. and global (i.e., U.S. and non-U.S.) equity markets and medium to low correlation to other asset classes. This strategy invests in a diversified portfolio consisting primarily of positions in equity securities and futures and forward contracts, as well as related instruments. On April 1, 2022, the Company eliminated algorithmic futures/forwards trading from these investment funds. Redemptions are permitted quarterly, and written notice of the requested redemption must be received no later than noon (New York time) on the first business day of the calendar month immediately preceding the redemption date.

Multi-Strategy Fund

The investment objective is to achieve appreciation of assets with low volatility by investing in other private investment funds sponsored by the Company. Redemptions are permitted quarterly, and written notice of the requested redemption must be received no later than noon (New York time) on the first business day of the calendar month immediately preceding the redemption date.

Statistical Arbitrage Funds

The investment objective is to achieve appreciation of assets through speculative investment and trading in a variety of both securities-related and futures-related financial instruments. Redemptions may be made as of the last day of each calendar quarter and require at least 10 days prior irrevocable written notice.

Renaissance Technologies LLC Employee IRA Plan

Notes to Financial Statements

June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

5. Income Tax

The Plan is established and maintained solely to effect the application of the relevant provisions of ERISA to an IRA's investment in Interests, consistent with the conditions of the PTE. The Plan is not a recognized entity for federal tax purposes, and accordingly no tax positions have been or could be taken by the Plan that would require recognition of a liability or disclosure in the financial statements.

6. Risks and Uncertainties

Prior to its liquidation, the Plan was exposed to the following risks and uncertainties:

Due to the level of risk associated with certain investments and the level of uncertainty related to changes in the value of investments, it is at least reasonably possible that changes in the values of investment securities will occur in the near term, and such changes could have a material adverse effect on Participants' account balances and the amounts reported in the statements of net assets available for benefits.

The Funds in which the Plan holds Interests are exposed to various types of financial risks that are associated with the financial instruments and markets in which they invest.

Derivatives are instruments that derive their value from underlying asset prices, indices, reference rates, and other inputs or a combination of these factors. Derivatives may be privately negotiated contracts, which are usually referred to as over-the-counter ("OTC") derivatives, or they may be listed and traded on an exchange.

In the normal course of business, many of the Funds trade various financial instruments that present off-balance-sheet, market, and credit risks. Generally, these financial instruments represent future commitments or options to purchase or sell other financial instruments at specific prices at specified future dates, which expose the Funds to market risk if the market value of the contract is higher or lower than the contract price at the maturity date. In addition, non-exchange-traded derivative instruments expose the Funds to credit risk arising from the potential inability of counterparties to perform under the terms of the contracts.

The Funds' over-the-counter ("OTC") derivative contracts contain credit-risk-related contingent features, primarily those included in certain International Swaps and Derivatives Association master agreements. These contingent features may result in the termination of contracts for difference, currency swap contracts, foreign exchange contracts, and equity swap contracts if any of those Funds' creditworthiness deteriorates. At June 30, 2022 and December 31, 2021, none of the Funds were in violation of any covenants applicable to them.

The Funds may borrow and utilize leverage through contracts for difference, futures contracts, swap contracts, forward foreign currency contracts, OTC call options, short positions, and margining of its brokerage accounts. While borrowing and leverage present opportunities for increasing total return, they also have the effect of potentially creating or increasing losses, which in the case of a call option is limited to the premium paid. The Funds monitor the use of leverage and available margin lines with counterparties on a regular basis.

Investments in derivative instruments subject the Funds to off-balance-sheet market risk whereby changes in the fair value of the financial instruments underlying the derivative instruments may vary from the amount reflected on the financial statements of the Funds.

Renaissance Technologies LLC Employee IRA Plan

Notes to Financial Statements

June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

Derivative instruments and securities sold, but not yet purchased held with the Funds' brokers and other counterparties represent, to varying degrees, forms of borrowing and leverage. Unfavorable economic conditions could increase financing costs or limit access to the capital markets for certain lenders (including derivative counterparties). There is no guarantee that the Funds' arrangements for obtaining leverage will continue to be available or obtainable on terms and conditions acceptable to the Funds.

The Funds invest in options and marketable and fixed-income securities and are exposed to market risks resulting from changes in the fair value of their investments. In addition, many of the Funds are subject to credit risk and risks resulting from interest rate fluctuations on their investments.

Securities sold, but not yet purchased by the Funds may give rise to off-balance-sheet risk. These transactions involve an obligation to purchase such securities at a future date at the fair value. A gain, limited to the price at which a Fund sold the security short, or a loss, unlimited as to the potential amount, will be recognized upon termination of a short sale. The Funds have recorded these obligations in the financial statements based on the fair values of the securities as of June 30, 2022 and December 31, 2021. There is an element of off-balance-sheet risk in that, if the securities increase in value, it will be necessary to purchase the securities at a cost in excess of the price reflected on the financial statements of the Funds.

Regulatory agencies may restrict certain trading activities through new regulations. In some instances, the Funds' compliance with these new regulations may have an impact on the Funds' trading strategy or operational efficiency. The Funds continually assess the impact of compliance with all applicable new regulatory requirements to determine the appropriate risk-management and operational processes to implement.

The Funds' portfolios include securities of, or indices that consist of, non-U.S. issuers or derivatives thereon. Such investments require consideration of certain risks typically not associated with investing in securities of U.S. issuers. Such risks include, among other things, applicable economic policies, unfavorable currency exchange rate fluctuations, imposition of exchange control regulation by the U.S. or non-U.S. governments, greater market volatility, differing securities market structures, and economic or political instability in foreign nations.

The Funds are exposed to the risk that the exchange rate of the U.S. dollar relative to other currencies may change in a manner that has an adverse effect on the reported value of the Funds' assets and liabilities denominated in currencies other than the U.S. dollar.

U.S. and other financial markets around the world can be adversely affected by unusual market turmoil. A recent example is Russia's military invasion of Ukraine in February 2022, which resulted in the United States and other countries imposing significant, wide-ranging economic sanctions against Russia. Any such sanctions or other governmental or regulatory actions (as well as the potential for wider conflict) could result in significant market disruptions and could materially affect the Funds' investment and trading activities.

Epidemics and pandemics present additional risks. Many countries have been susceptible to epidemics, such as severe acute respiratory syndrome, avian flu, H1N1/09 flu, and currently, COVID-19, which the World Health Organization has declared to be a pandemic. The epidemic or pandemic outbreak of an infectious disease in a country or region of the world or globally, together with any resulting restrictions on travel, transportation, or production of goods or quarantines imposed, will likely have a negative impact on the national, regional, or global economy and business activity in some if not all of the countries in which the Plan's assets may be invested and thereby adversely

Renaissance Technologies LLC Employee IRA Plan
Notes to Financial Statements
June 30, 2022 (in Liquidation) and December 31, 2021 (Going Concern)

affect the performance of the Plan’s investments. Any outbreak of an infectious disease or any other serious public health concern in a country or region or globally could materially harm the Plan’s investments. Furthermore, COVID-19 and any future outbreak of an infectious disease or any other serious public health concern may lead to significant interruption in the normal business activities of the Company, the Renaissance Funds, or other service providers (including financial intermediaries), which could negatively affect the Plan.

7. Related Parties

The Plan offered Participants the opportunity to direct their investment into the following Funds for which Renaissance serves as the general partner, managing member, or investment manager:

Fund	Strategy (Note 4)
Medallion Fund RF L.P.	Statistical Arbitrage Fund
Medallion RMPRF Fund, L.P.	Statistical Arbitrage Fund
Renaissance Institutional Equities Fund LLC (Series RF)	Long/Short Equity Fund
Renaissance Kaleidoscope RF Fund LLC	Multi-Strategy Fund
Renaissance Institutional Diversified Alpha Fund LLC (Series RF)	Managed Equities Fund
Renaissance Institutional Diversified Global Equities Onshore Fund L.P. (Series RF)	Long/Short Equity Fund

There were no amounts due to or from the Funds as of June 30, 2022 and December 31, 2021. Transactions between the Funds and the Plan for the period ended June 30, 2022 are included in the Statement of Changes in Net Assets Available for Benefits for the Period from June 1, 2022 through June 30, 2022 (in Liquidation), and for the Period from January 1, 2022 through May 31, 2022 (Going Concern).