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

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] 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:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
IVOCLAR VIVADENT, INC. 401(K) RETIREMENT PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 01/01/1987

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)
IVOCLAR VIVADENT, INC.

175 PINEVIEW DR
AMHERST, NY 14228-2231

2b Employer Identification Number (EIN)
16-1287874

2c Plan Sponsor's telephone number
716-691-0010

2d Business code (see instructions)
423990

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	Filed with authorized/valid electronic signature.	10/07/2019	KIM EVANS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/07/2019	KIM EVANS
	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

3a Plan administrator's name and address [X] 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 IVOCLAR VIVADENT, INC.
c Plan Name IVOCLAR VIVADENT, INC 401 K RETIREMENT PLAN

4b EIN 16-1287874

4d PN 001

5 Total number of participants at the beginning of the plan year	**5**	627
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	**6a(1)**	556
a(2) Total number of active participants at the end of the plan year	**6a(2)**	528
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	81
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	609
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	3
f Total. Add lines **6d** and **6e**.	**6f**	612
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	596
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	18
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:
2E 2G 2J 2K 2S 2T 3D 3H

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)

(1)	[X]	Insurance
(2)	[ ]	Code section 412(e)(3) insurance contracts
(3)	[X]	Trust
(4)	[ ]	General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

(1)	[X]	Insurance
(2)	[ ]	Code section 412(e)(3) insurance contracts
(3)	[X]	Trust
(4)	[ ]	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)

a Pension Schedules

(1)	[X]	**R** (Retirement Plan Information)
(2)	[ ]	**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
(3)	[ ]	**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

(1)	[X]		**H** (Financial Information)
(2)	[ ]		**I** (Financial Information – Small Plan)
(3)	[X]	1	**A** (Insurance Information)
(4)	[X]		**C** (Service Provider Information)
(5)	[X]		**D** (DFE/Participating Plan Information)
(6)	[ ]		**G** (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 2018 Form M-1 annual report. If the plan was not required to file the 2018 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 A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

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

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
IVOCLAR VIVADENT, INC. 401(K) RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
IVOCLAR VIVADENT, INC.

D Employer Identification Number (EIN)
16-1287874

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	**(g)** To
42-0127290	61271	385493	612	01/01/2018	12/31/2018

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	5017537
5	Current value of plan's interest under this contract in separate accounts at year end	5	40069509

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity (3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee (3) ☐ guaranteed investment (4) ☒ other ▶ FLEXIBLE INVESTMENT ANNUITY

b	Balance at the end of the previous year			7b	5684995
c	Additions: (1) Contributions deposited during the year	7c(1)	168557		
	(2) Dividends and credits	7c(2)			
	(3) Interest credited during the year	7c(3)	60683		
	(4) Transferred from separate account	7c(4)	1497592		
	(5) Other (specify below)	7c(5)	10321		
	▶ LOAN PAYMENT, ROLLOVER				
	(6) Total additions			7c(6)	1737153
d	Total of balance and additions (add lines **7b** and **7c(6)**)			7d	7422148
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	732115		
	(2) Administration charge made by carrier	7e(2)	699		
	(3) Transferred to separate account	7e(3)	1625363		
	(4) Other (specify below)	7e(4)	46434		
	▶ LOAN WITHDRAWAL, SPINOFF				
	(5) Total deductions			7e(5)	2404611
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	5017537

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision) **b** ☐ Dental **c** ☐ Vision **d** ☐ Life insurance
e ☐ Temporary disability (accident and sickness) **f** ☐ Long-term disability **g** ☐ Supplemental unemployment **h** ☐ Prescription drug
i ☐ Stop loss (large deductible) **j** ☐ HMO contract **k** ☐ PPO contract **l** ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.			**10b**	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2018** **This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
IVOCLAR VIVADENT, INC. 401(K) RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
IVOCLAR VIVADENT, INC.

D Employer Identification Number (EIN)
16-1287874

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). . . . . [X] 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

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

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

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

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

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

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

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

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

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

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

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

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

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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) 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) Did the service provider give you a formula instead of an amount or estimated amount?
13 37 50 64	CONTRACT ADMINISTRATOR	13912	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

UBS FINANCIAL SERVICES

13-2638166

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) 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) Did the service provider give you a formula instead of an amount or estimated amount?
16 99	CONSULTANT	0	Yes [X] No [ ]	Yes [ ] No [X]	30000	Yes [ ] No [X]

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

BARCLAY DAMON LLP

15-0339022

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) 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) Did the service provider give you a formula instead of an amount or estimated amount?
29 99	LEGAL	0	Yes [X] No [ ]	Yes [ ] No [X]	27106	Yes [ ] No [X]

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)

BONADIO & CO., LLP

16-1131146

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) 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) Did the service provider give you a formula instead of an amount or estimated amount?
10 99	ACCOUNTANT	0	Yes [X] No [ ]	Yes [ ] No [X]	8925	Yes [ ] No [X]

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

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) 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) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) 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) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

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 (see instructions)	**(c)** Enter amount of indirect compensation
UBS FINANCIAL SERVICES	16 99	30000

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	CONSULTING (GENERAL)

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
BARCLAY DAMON LLP	29 99	27106

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	LEGAL

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
BONADIO & CO., LLP	10 99	8925

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	ACCOUNTANT (INCLUDING AUDIT)

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)

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

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

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
IVOCLAR VIVADENT, INC. 401(K) RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
IVOCLAR VIVADENT, INC.

D Employer Identification Number (EIN)
16-1287874

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

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN U.S. PROPERTY SA-I5

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-027	P	4500055

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CORE PLUS BOND SEP ACT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-005	P	2617037

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN DIV INTL SA-I4

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-015	P	2572644

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LGCAP S&P 500 INDEX SA-I4

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-016	P	4885239

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP S&P 600 INDEX SA-I4

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-028	P	3465939

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP S&P 400 IDX SA-I5

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-023	P	3038104

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2010 SEP ACCT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
42-0127290-075	P	317433

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2020 SEP ACCT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-076	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2046704

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2030 SEP ACCT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-077	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6369210

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2040 SEP ACCT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-078	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5337023

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2050 SEP ACCT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-079	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3268354

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM STR INC SA-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-080	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 307332

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN FIN GRP, INC. STOCK SA-R6

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-086	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 81056

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CAPITAL APPR SA-R6

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-119	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 730220

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2060 SEP ACCT-I3

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-130	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 533159

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** 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 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 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 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

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

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
IVOCLAR VIVADENT, INC. 401(K) RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
IVOCLAR VIVADENT, INC.

D Employer Identification Number (EIN)
16-1287874

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)	1519963	1544965
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
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)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	913932	939928
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	42822691	40069509
(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)	17615496	17644981
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	5684995	5017537
(15) Other	1c(15)		

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(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	68557077	65216920
	Liabilities			
g	Benefit claims payable	1g	0	
h	Operating payables	1h	0	
i	Acquisition indebtedness	1i	0	
j	Other liabilities	1j	0	
k	Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	68557077	65216920

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)	2237057	
	(B) Participants	2a(1)(B)	3173750	
	(C) Others (including rollovers)	2a(1)(C)	316867	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		5727674
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
	(B) U.S. Government securities	2b(1)(B)	0	
	(C) Corporate debt instruments	2b(1)(C)	0	
	(D) Loans (other than to participants)	2b(1)(D)	0	
	(E) Participant loans	2b(1)(E)	49983	
	(F) Other	2b(1)(F)	60683	
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		110666
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)	0	
	(B) Common stock	2b(2)(B)	0	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	201561	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		201561
	(3) Rents	2b(3)		0
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	0	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)	0	
	(B) Other	2b(5)(B)	0	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-2661399
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-784933
c Other income	2c		0
d Total income. Add all **income** amounts in column (b) and enter total	2d		2593569
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	5624495	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		5624495
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	13912	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	0	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		13912
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		5638407
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-3044838
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		295319

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) [ ] Unqualified **(2)** [ ] Qualified **(3)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

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

(1) Name: BONADIO & CO., LLP **(2)** EIN: 16-1131146

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:

		Yes	No	Amount
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.)	4a		X	0
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	0

			Yes	No	Amount
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	0
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	0
e	Was this plan covered by a fidelity bond?	4e	X		3000000
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 _____.

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)
CORE3D CENTRES LP	27-1858990	001

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year_____. (See instructions.)

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

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.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
IVOCLAR VIVADENT, INC. 401(K) RETIREMENT PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
IVOCLAR VIVADENT, INC.

D Employer Identification Number (EIN)
16-1287874

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):

EIN(s): 42-0127290

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)? ..... ☐ **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

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.

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 contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**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):

IVOCLAR VIVADENT, INC.
401(k) RETIREMENT PLAN

Financial Statements
and Supplemental Schedule
as of December 31, 2018 and 2017
Together with
Independent Auditor's Report

Bonadio & Co., LLP
Certified Public Accountants

Bonadio & Co., LLP
Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT

To the Pension Committee of the
Ivoclar Vivadent, Inc. 401(k) Retirement Plan:

Report on the Financial Statements
We were engaged to audit the accompanying financial statements of the Ivoclar Vivadent, Inc. 401(k) Retirement Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements
Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

Auditor's Responsibility
Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion
As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Principal Life Insurance Company and Principal Trust Company, the Custodians of the Plan, except for comparing the information with the related information included in the financial statements. We have been informed by the plan administrator that the Custodians hold the Plan's investment assets and execute investment transactions. The plan administrator has obtained a certification from the Custodians as of and for the years ended December 31, 2018 and 2017, that the information provided to the plan administrator by the Custodians is complete and accurate.

Disclaimer of Opinion
Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient, appropriate audit evidence to provide a basis for an audit opinion on the financial statements. Accordingly, we do not express an opinion on financial statements referred to in the first paragraph.

100 Corporate Parkway
Suite 200
Amherst, New York 14226
p (716) 250-6600
f (716) 250-6605

www.bonadio.com

(Continued)

Report on Supplemental Information
The supplemental Schedule I - Schedule of Assets (Held at End of Year) as of December 31, 2018, is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Report on Form and Content in Compliance With DOL Rules and Regulations
The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the Custodians, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Bonadio & Co., LLP

September 12, 2019

IVOCLAR VIVADENT, INC.
401(K) RETIREMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2018 AND 2017

	2018	2017
ASSETS		
INVESTMENTS, at fair value:		
Pooled separate accounts	$ 40,069,509	$ 42,822,691
Mutual funds	17,644,981	17,615,496
Guaranteed interest accounts	5,017,537	5,684,995
	62,732,027	66,123,182
RECEIVABLES:		
Employer contributions receivable	1,544,965	1,519,963
Notes receivable from participants	939,928	913,932
	2,484,893	2,433,895
NET ASSETS AVAILABLE FOR BENEFITS	$ 65,216,920	$ 68,557,077

The accompanying notes are an integral part of these statements.

IVOCLAR VIVADENT, INC.
401(K) RETIREMENT PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	2018	2017
ADDITIONS:		
Employee contributions	$ 3,173,750	$ 3,128,048
Rollover contributions	316,867	332,599
Employer contributions	2,237,057	2,203,262
Dividends and interest income	262,244	204,290
Interest on notes receivable from participants	49,983	42,078
Net appreciation(depreciation) in fair value of investments, including gains and losses on sales	(3,446,332)	8,812,125
Total additions	2,593,569	14,722,402
DEDUCTIONS:		
Benefits paid to participants	5,624,495	4,759,252
Administrative expenses	13,912	13,850
Total deductions	5,638,407	4,773,102
CHANGE IN NET ASSETS AVAILABLE FOR BENEFITS	(3,044,838)	9,949,300
NET ASSETS AVAILABLE FOR BENEFITS - beginning of year	68,557,077	58,607,777
Transfer of balances to Aurum plan (see Note 1)	(295,319)	-
NET ASSETS AVAILABLE FOR BENEFITS - end of year	$ 65,216,920	$ 68,557,077

The accompanying notes are an integral part of these statements.

1. DESCRIPTION OF PLAN

The following is a brief description of the Ivoclar Vivadent, Inc. 401(k) Retirement Plan (the Plan) provided for general information purposes only. Participants should refer to the Plan Document for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan as permitted under Section 401(k) of the Internal Revenue Code, covering eligible employees of Ivoclar Vivadent, Inc. and Ivoclar Vivadent Manufacturing, Inc. and Wieland Precision Technology, Inc. (collectively the Company and Plan Sponsor). The Plan is funded by employee and employer contributions. The Plan is intended to conform to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA) and subsequent legislation, where applicable.

Eligibility

Employees, who are not covered by a collective bargaining agreement, are eligible to participate in the plan on the first day of the month after their hire date as long as they have attained age 21.

Contributions

Participants who are eligible to participate in the Plan are automatically enrolled with an elected contribution of 4%, unless the employee chooses not to participate or chooses to defer a different percentage. Each participant may elect to contribute up to 100% of his or her eligible compensation subject to the limitations set by the Internal Revenue Code ($18,500 in 2018 and $18,000 in 2017) as a tax-deferred contribution to the Plan. Participants who are at least 50 years old may make additional “catch-up” contributions annually ($6,000 in 2018 and 2017). The Company will make matching contributions up to 50% of the participant’s contribution up to 4% of the participant’s eligible compensation. In addition to matching contributions, the Company may make a discretionary contribution to the Plan of 4% of a participant’s eligible compensation at the end of the Plan year. Discretionary contributions of $1,544,965 and $1,519,963 were made for the years ended December 31, 2018 and 2017, respectively. The Plan provides that participants may rollover balances from other qualified retirement plans.

Participants direct the investment of employee and employer contributions into various investment options offered by the Plan. Participants may change their investment allocation on a daily basis.

Plan Transfers

During the year ended December 31, 2018, a division of Ivoclar Vivadent, Inc. was sold to the Aurum Group and certain participants in the Plan were terminated and transferred out of the Plan.

Participant Accounts

Each participant’s account is credited with the participant’s contributions and allocation of (a) the Company’s matching and profit sharing contributions (b) plan earnings and losses, and (c) administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

1. DESCRIPTION OF PLAN (Continued)

Notes Receivable from Participants

Participants may borrow from their funds up to a maximum amount, which is the lesser of $50,000 or 50% of their vested account balance. The minimum loan amount is $1,000. The number of loans outstanding is limited to one per participant. Loan terms range from one to five years. The loans are collateralized by the balance in the participant's account and bear interest at a rate commensurate with the local prevailing rate. Principal and interest are paid ratably through payroll deductions.

Withdrawals and Distributions

Unless a participant elects otherwise, distributions are made as soon as practical after the participant's normal retirement date or actual retirement date occurs. The normal retirement date is the date upon which the participant reaches age 65. Participating employees who attain the age of 55 and complete five years of vested service are eligible to make an election for early retirement benefits.

Participants may also receive hardship withdrawals and in-service distributions under certain circumstances, as defined in the Plan Document.

Vesting

Participants are immediately 100% vested in their elective deferral contributions. Participants are 100% vested in the employer matching and discretionary profit sharing contributions after three years of service, as defined.

Forfeited Accounts

Forfeitures of nonvested separated participants are available to be applied toward future employer contributions. Forfeited nonvested accounts totaled $1,093 and $118 at December 31, 2018 and 2017, respectively. Forfeitures used to reduce company contributions during the plan years ended December 31, 2018 and 2017 were $16,746 and $18,007, respectively.

Administrative Expenses

A significant portion of the costs of administering the Plan are borne by the Company, with the remainder paid out of the assets of the Plan.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of the Plan's termination, participants would become fully vested in their account balances.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Plan prepares its financial statements on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Valuation of Investments

Investments are reported at fair value or net asset value (NAV) as a practical expedient for fair value. Fair value is 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. See Note 4 for a discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold or held during the year.

Payment of Benefits

Benefits are recorded when paid.

Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires the plan administrator to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. As of December 31, 2018 and 2017, no allowance for credit losses has been recorded. If a participant does not make loan repayments and the plan administrator considers the participant loan to be in default, the loan balance is reduced, and the delinquent participant note receivable is recorded as a benefit payment based on the terms of the Plan document.

Income Taxes

The Internal Revenue Service has determined and informed the Custodian by a letter dated March 31, 2014, that the prototype Plan and related Trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). The Plan Administrator and the Plan’s tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Risks and Uncertainties

The Plan’s assets include various types of investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Due to the level of risk associated with certain investments and the level of uncertainty related to the value of such investments, changes in the values of investments will occur and such changes could materially affect the amounts reported in the accompanying financial statements.

3. FINANCIAL CERTIFICATION

The following financial information relating to the Plan's assets at December 31, 2018 and 2017, as well as investment income and investment transactions for the years then ended, has been derived from information provided by Principal Life Insurance Company and Principal Trust Company, the Custodians of the Plan, and has been certified by them as complete and accurate.

	2018	2017
Statements of Net Assets Available for Benefits		
Assets:		
Investments, at fair value	$ 62,732,027	$ 66,123,182
Statements of Change in Net Assets Available for Benefits		
Net appreciation(depreciation) in fair value of investments	$ (3,446,332)	$ 8,812,125
Dividends and interest income	$ 262,244	$ 204,290
Schedule of Assets (Held at End of Year)	Schedule I	

4. FAIR VALUE MEASUREMENTS

The Plan uses various valuation techniques in determining fair value. ASC Section 820 established a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

4. FAIR VALUE MEASUREMENTS (Continued)

The following is a description of the valuation methodologies used for assets measured at fair value:

Mutual funds: Values are determined based on quoted market prices in active markets.

Pooled separate accounts (PSA): The PSA's primarily invest in domestic and international stocks, institutional funds and fixed securities. The majority of the underlying securities of the PSA's have observable level 1 quoted pricing inputs. Most of the security prices were obtained from a pricing service, Interactive Data Corporation (IDC). Because the IDC is valued similarly to mutual funds, the pooled separate accounts are presented in the table below using Level 1 as a practical expedient for fair value. Unfunded commitments typically are found in private equity funds and therefore are not applicable to PSAs.

Guaranteed interest accounts: The guaranteed interest accounts are not fully benefit-responsive and are accordingly stated at fair value. Fair values of the guaranteed interest accounts are the amounts Plan participants would receive currently if they were to withdraw or transfer funds within the Plan prior to their maturity for an event other than death, disability, termination, or retirement. This fair value represents contract value adjusted to reflect current market interest rates only to the extent such market rates exceed contract crediting rates. Contract value represents contributions made under the contract, plus interest at the contract rate, less funds used to pay Plan benefits and the insurance company's administrative expenses. There are no significant restrictions on redemptions and there are no unfunded commitments.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in different fair value measurements at the reporting date.

The following sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31:

	Assets at Fair Value as of December 31, 2018			
	Level 1	Level 2	Level 3	Total
Investments:				
Mutual funds	$17,644,981	$ -	$ -	$17,644,981
Guaranteed interest accounts	-	-	5,017,537	5,017,537
	$17,644,981	$ -	$ 5,017,537	$22,662,518
Pooled separate accounts, at NAV				40,069,509
Total investments				$62,732,027

4. FAIR VALUE MEASUREMENTS (Continued)

	Assets at Fair Value as of December 31, 2017			
	Level 1	Level 2	Level 3	Total
Investments:				
Mutual funds	$17,615,496	$ -	$ -	$17,615,496
Guaranteed interest accounts	-	-	5,684,995	5,684,995
	$17,615,496	$ -	$ 5,684,995	$23,300,491
Pooled separate accounts, at NAV				42,822,691
Total investments				$66,123,182

The following table sets forth a summary of changes in fair value of the Plan's Level 3 investments for the years ended December 31:

	2018	2017
Balance, beginning of year	$ 5,684,995	$ 5,997,105
Purchases	1,814,023	898,096
Interest	60,683	66,964
Sales	(2,542,164)	(1,277,170)
Balance, end of year	$ 5,017,537	$ 5,684,995

The following tables represents the Plan's Level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments, and the significant unobservable inputs and the ranges of values for those inputs.

	Quantitative Information about Level 3 Fair Value Measurements 2018			
	Fair Value at 12/31/18	Valuation Techniques	Unobservable Input	Range Significant Input Values
Guaranteed interest accounts	$ 5,017,537	Assumed proceeds at discontinuation	Composite Guaranteed Rate	0.86% - 1.86%
			Current Rate on 12/31/18	2.96% - 3.10%

4. FAIR VALUE MEASUREMENTS (Continued)

	Quantitative Information about Level 3 Fair Value Measurements 2017			
	Fair Value at 12/31/17	Valuation Techniques	Unobservable Input	Range Significant Input Values
Guaranteed interest accounts	$ 5,684,995	Assumed proceeds at discontinuation	Composite Guaranteed Rate	0.94% - 1.69%
			Current Rate on 12/31/17	2.24% - 2.77%

In substantiating the reasonableness of the pricing data provided by the Custodian, the Plan administrator reviews the pricing assumptions and factors used by the Custodian, recently executed transactions, existing contracts, as well as industry and market developments.

5. PARTY-IN-INTEREST TRANSACTIONS

During the years ended December 31, 2018 and 2017, certain plan investments were managed by Principal Life Insurance Company and Principal Trust Company, the custodians of the Plan, and therefore these transactions quality as party-in-interest.

Notes receivable from participants of $939,928 and $913,932 as of December 31, 2018 and 2017, respectively, with interest rates ranging from 5.25% to 7.50% qualify as party-in-interest.

6. SUBSEQUENT EVENTS

Subsequent events have been evaluated through September 12, 2019, which is the date the financial statements were available to be issued.

IVOCLAR VIVADENT, INC.
401(K) RETIREMENT PLAN

FEIN 16-1287874 / PN 001
SCHEDULE H, LINE 4i
SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2018

Identity of Issuer, Borrower Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Current Value
	Pooled separate accounts:	
* Principal Life Insurance Company	Principal Large Cap S&P 500 Index Separate Account	$ 4,885,239
* Principal Life Insurance Company	Principal Lifetime 2030 Separate Account	6,369,210
* Principal Life Insurance Company	Principal Lifetime 2040 Separate Account	5,337,023
* Principal Life Insurance Company	Principal SmallCap S&P 600 Index Separate Account	3,465,939
* Principal Life Insurance Company	Principal U.S. Property Separate Account	4,500,055
* Principal Life Insurance Company	Principal Lifetime 2020 Separate Account	2,046,704
* Principal Life Insurance Company	Principal MidCap S&P 400 Index Separate Account	3,038,104
* Principal Life Insurance Company	Principal Diversified Intl Separate Account	2,572,644
* Principal Life Insurance Company	Principal Lifetime 2050 Separate Account	3,268,354
* Principal Life Insurance Company	Principal Core Plus Bond Separate Account	2,617,037
* Principal Life Insurance Company	Principal Lifetime 2010 Separate Account	317,433
* Principal Life Insurance Company	Principal Capital Appreciation Separate Account	730,220
* Principal Life Insurance Company	Principal Lifetime Str Inc Separate Account	307,332
* Principal Life Insurance Company	Principal Lifetime 2060 Separate Account	533,159
* Principal Life Insurance Company	Principal Financial Group, Inc. Stock Separate Account	81,056
Total pooled separate accounts		40,069,509
	Mutual funds:	
T Rowe Price Funds	T Rowe Price Capital Appreciation Fund	4,863,544
T Rowe Price Funds	T Rowe Price MidCap Growth Fund	4,278,548
Janus International Holdings, LLC	Janus Henderson VIT Forty Inst Portfolio	3,834,120
Janus Henderson	Janus Henderson Triton I	1,909,328
MFS Investment Management	MFS Value R4 Fund	1,573,905
Wells Fargo Fund Management	Wells Fargo Sp MidCap Value Adm Fund	459,711
Wells Fargo Fund Management	Wells Fargo Sp Smallcap Value Adm Fund	441,780
PIMCO	PIMCO Income Institutional Fund	257,257
Fidelity Management & Research	Fidelity International Index Fund	17,924
Delaware Management Company	Delaware Emerging Markets Institutional Fund	8,864
Total mutual funds		17,644,981
	Guaranteed interest accounts:	
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/21, Interest Rates - 1.23% - 1.25%	1,494,549
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/22, Interest Rates - .97% - 1.18%	656,270
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/18, Interest Rates - .92% - .98%	718,873
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/19, Interest Rates - .86% -1.34%	474,960
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/20, Interest Rates - 1.12% - 1.17%	322,759
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/23, Interest Rates - 1.11% - 1.19%	764,269
* Principal Life Insurance Company	7 year guaranteed - matures 12/31/24, Interest Rates - 1.56% - 1.86%	585,857
Total guaranteed interest accounts		5,017,537
* Notes receivable from participants	interest rates ranging from 5.25% - 7.50%	939,928
		$ 63,671,955

* Party-in-interest

This schedule was prepared solely from information which was certified as complete and accurate by Principal Life Insurance Company and Principal Trust Company.
The accompanying notes are an integral part of this schedule.

F051TF

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

I V, I. 401() R P

EIN 16 1287874
PLAN NUMBER 001
PLAN YEAR 01/01/2018 TO 12/31/2018

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	Delaware Investments	Registered Investment Company DELAWARE EMERG MKTS INSTL FUND	$ 0.00	$ 8,864.06
	Fidelity Investments	Registered Investment Company FIDELITY INTERNATIONAL IDX FD	$ 0.00	$ 17,923.63
*	Principal Life Insurance Company	Insurance Company General Guaranteed Interest	$ 0.00	$ 5,017,537.43
	Janus International Holding, LLC	Registered Investment Company Janus Hender Forty Instl Port	$ 0.00	$ 3,834,120.28
	Janus International Holding, LLC	Registered Investment Company JANUSHENDERSON TRITON I	$ 0.00	$ 1,909,328.09
	MFS Investment Management	Registered Investment Company MFS VALUE R4 FUND	$ 0.00	$ 1,573,904.63
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Capital Appr SA-R6	$ 0.00	$ 730,219.78
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Core Plus Bond Sep Act-I3	$ 0.00	$ 2,617,036.99
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Div Intl SA-I4	$ 0.00	$ 2,572,643.99
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Fin Grp, Inc. Stock SA-R6	$ 0.00	$ 81,056.23
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LgCap S&P 500 Index SA-I4	$ 0.00	$ 4,885,238.69
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm Str Inc SA-I3	$ 0.00	$ 307,332.33
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm 2010 Sep Acct-I3	$ 0.00	$ 317,432.65
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm 2020 Sep Acct-I3	$ 0.00	$ 2,046,704.00
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm 2030 Sep Acct-I3	$ 0.00	$ 6,369,209.51

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

F051TF

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

I V, I. 401() R P

EIN 16 1287874
PLAN NUMBER 001
PLAN YEAR 01/01/2018 TO 12/31/2018

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm 2040 Sep Acct-I3	$ 0.00	$ 5,337,023.41
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm 2050 Sep Acct-I3	$ 0.00	$ 3,268,354.48
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTm 2060 Sep Acct-I3	$ 0.00	$ 533,159.03
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap S&P 400 Idx SA-I5	$ 0.00	$ 3,038,103.67
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap S&P 600 Index SA-I4	$ 0.00	$ 3,465,939.04
*	Principal Life Insurance Company	Pooled Separate Accounts Prin U.S. Property SA-I5	$ 0.00	$ 4,500,055.31
	PIMCO Funds	Registered Investment Company PIMCO INCOME INSTITUTIONAL FD	$ 0.00	$ 257,256.65
	T. Rowe Price Funds	Registered Investment Company T Rowe Price Cap Appr Fund	$ 0.00	$ 4,863,543.79
	T. Rowe Price Funds	Registered Investment Company T Rowe Price Mid-Cap Gr Fund	$ 0.00	$ 4,278,547.61
	Wells Fargo	Registered Investment Company Wells Fargo Sp MC Val Adm Fund	$ 0.00	$ 459,711.41
	Wells Fargo	Registered Investment Company Wells Fargo Sp SmCp Val Adm Fd	$ 0.00	$ 441,780.36
*	Participant Loans	Range of Interest Rates Rates Range From 5.25% To 7.50%	$ 0.00	$ 939,928.00

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)