

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
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
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.) ☒ 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:	☒ 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>THE COOPER UNION DEFINED CONTRIBUTION RETIREMENT PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</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>THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART</u> <u>30 COOPER SQUARE, 2ND FLOOR</u> <u>NEW YORK, NY 10003-7120</u>		
1c Effective date of plan <u>07/01/1937</u>		
2b Employer Identification Number (EIN) <u>13-5562985</u>		
2c Plan Sponsor's telephone number <u>215-817-1074</u>		
2d Business code (see instructions) <u>611000</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	Filed with authorized/valid electronic signature.	10/16/2023	NATALIE BROOKS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/16/2023	JOHN RUTH
	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 ☒ 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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">5</td> <td style="text-align: right;">835</td> </tr> </table>	5	835																		
5	835																					
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).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="background-color: #f2f2f2; height: 20px;"></td> </tr> <tr> <td style="width: 10%; text-align: center;">6a(1)</td> <td style="text-align: right;">286</td> </tr> <tr> <td style="text-align: center;">6a(2)</td> <td style="text-align: right;">296</td> </tr> <tr> <td style="text-align: center;">6b</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="text-align: center;">6c</td> <td style="text-align: right;">546</td> </tr> <tr> <td style="text-align: center;">6d</td> <td style="text-align: right;">842</td> </tr> <tr> <td style="text-align: center;">6e</td> <td style="text-align: right;">25</td> </tr> <tr> <td style="text-align: center;">6f</td> <td style="text-align: right;">867</td> </tr> <tr> <td style="text-align: center;">6g</td> <td style="text-align: right;">846</td> </tr> <tr> <td style="text-align: center;">6h</td> <td style="text-align: right;">0</td> </tr> </table>			6a(1)	286	6a(2)	296	6b	0	6c	546	6d	842	6e	25	6f	867	6g	846	6h	0
6a(1)	286																					
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6b	0																					
6c	546																					
6d	842																					
6e	25																					
6f	867																					
6g	846																					
6h	0																					
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.....																						
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">7</td> <td></td> </tr> </table>	7																			
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 2L 2M 2T																						
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) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ 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) ☒ 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) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ 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 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 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 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 12/31/2022	
A Name of plan THE COOPER UNION DEFINED CONTRIBUTION RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART	D Employer Identification Number (EIN) 13-5562985

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.
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1 Coverage Information:

(a) Name of insurance carrier TIAA-CREF
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(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
13-1624203	69345	150456	592	01/01/2022	12/31/2022

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.
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(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
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(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
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(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	47540236
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	61724185

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 ▶

b	Balance at the end of the previous year	7b	48367222
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c	Additions: (1) Contributions deposited during the year	7c(1)	734133	
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)	1900057	
	(4) Transferred from separate account	7c(4)	6488245	
	(5) Other (specify below)	7c(5)	82184	
	▶ MISCELLANEOUS CREDITS, INCLUDING INVESTMENT GAINS AND TRANSFERS FROM FULLY ALLOCATED CONTRACTS			

(6) Total additions	7c(6)	9204619
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	57571841
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	3726754
(2) Administration charge made by carrier	7e(2)	45549
(3) Transferred to separate account	7e(3)	6251891
(4) Other (specify below)	7e(4)	7411

▶ MISCELLANEOUS DEBITS, INCLUDING INVESTMENT LOSSES AND TRANSFERS TO FULLY ALLOCATED CONTRACTS

(5) Total deductions	7e(5)	10031605
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	47540236
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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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider 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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan THE COOPER UNION DEFINED CONTRIBUTION RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART	D Employer Identification Number (EIN) 13-5562985	

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
TIAA
13-1624203
(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

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

TIAA

13-1624203

(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?
15 17 27 28 38 50 52 54 64 66	NONE	42647	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

CAPTRUST

26-0058143

(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?
28 50	NONE	23871	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

GRANT THORNTON, LLP

36-6055558

(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 50	NONE	20098	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
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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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)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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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)**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
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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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>THE COOPER UNION DEFINED CONTRIBUTION RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART</u>	D Employer Identification Number (EIN) <u>13-5562985</u>	

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)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	131349	281599
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	6416560	6918433
(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)	98430772	80448239
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	48367222	47540236
(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	153345903	135188507

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	153345903	135188507
---	-----------	-----------	-----------

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)	2617710	
(B) Participants	2a(1)(B)	1589496	
(C) Others (including rollovers)	2a(1)(C)	290825	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		4498031
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)	9000	
(F) Other	2b(1)(F)	1877189	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1886189
(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)	1195892	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1195892
(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)		0
(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)		0

		(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)		533100
(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)		-19105490
c Other income	2c		90954
d Total income. Add all income amounts in column (b) and enter total	2d		-10901324
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6971947	
(2) To insurance carriers for the provision of benefits	2e(2)	197509	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		7169456
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	20098	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	23871	
(4) Other	2i(4)	42647	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		86616
j Total expenses. Add all expense amounts in column (b) and enter total	2j		7256072
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-18157396
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: GRANT THORNTON LLP

(2) EIN: 36-6055558

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		2283

	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?	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
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.)	X		
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)

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) 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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan THE COOPER UNION DEFINED CONTRIBUTION RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART		D Employer Identification Number (EIN) 13-5562985
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): 82-2826183		
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		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) _____

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) _____

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) _____

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) _____

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) _____

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) _____

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

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: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ 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. ☐ 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 _____

Financial Statements and Report of
Independent Certified Public
Accountants

The Cooper Union
Defined Contribution Retirement Plan

December 31, 2022 and 2021

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benefits 7

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Supplemental Information

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contributions 18

Schedule H, line 4i - schedule of assets
(held at end of year) 19

* All other schedules are omitted as they are not applicable or are not required based on the disclosure requirements of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended, and applicable regulations issued by the U.S. Department of Labor.

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REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

To the Plan Administrator of
The Cooper Union Defined Contribution Retirement Plan

Scope and nature of the ERISA Section 103(a)(3)(C) audit

We were engaged to perform audits of the financial statements of The Cooper Union Defined Contribution Retirement Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note C to the financial statements, is complete and accurate.

Disclaimer of opinion

We do not express an opinion on the accompanying financial statements of the Plan. Because of the significance of the matter described in the Basis for Disclaimer of Opinion section of our report, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on the financial statements.

Basis for disclaimer of opinion

As described in Note F to the financial statements, the Plan has not maintained sufficient accounting records and supporting documents relating to certain annuity contracts and custodial accounts issued to current and former employees prior to

January 1, 2009. Accordingly, we were unable to apply auditing procedures sufficient to determine the extent to which the financial statements may have been affected by these conditions.

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's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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

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

Auditor's responsibilities for the audit of the financial statements

Our responsibility is to conduct an audit of the Plan's financial statements in accordance with auditing standards generally accepted in the United States of America and to issue an auditor's report. However, because of the matter described in the Basis for Disclaimer of Opinion section of our report, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on these financial statements.

We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits.

Other matter - supplemental schedules required by ERISA

The supplemental schedule H, line 4a - schedule of delinquent participant contributions for the year ended December 31, 2022 and schedule H, line 4i - schedule of assets (held at end of year) as of December 31, 2022 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. Because of the significance of the matter described in the Basis for

Disclaimer of Opinion section of our report, it is inappropriate to and we do not express an opinion on the supplemental schedules referred to above.

Grant Thornton LLP

New York, New York
October 16, 2023

The Cooper Union Defined Contribution Retirement Plan

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

December 31,

	<u>2022</u>	<u>2021</u>
ASSETS		
Investments, at fair value (Note D)	\$ 122,668,036	\$ 140,539,725
Fully benefit-responsive investment contracts, at contract value (Note E)	<u>12,238,872</u>	<u>12,674,829</u>
Total investments	134,906,908	153,214,554
Notes receivable from participants (Note B)	<u>281,599</u>	<u>131,349</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 135,188,507</u></u>	<u><u>\$ 153,345,903</u></u>

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

The Cooper Union Defined Contribution Retirement Plan

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

Year ended December 31, 2022

Additions/(deductions):

Investment income/(loss)

Net appreciation/(depreciation) in fair value of investments \$ (18,572,390)

Dividends and interest income 1,195,892

Earned income from insurance contracts (TIAA Traditional Annuity Accounts) 1,877,189

Investment loss (15,499,309)

Interest on notes receivable from participants 9,000

Contributions:

Participant 1,589,496

Employer 2,617,710

Participant rollover 290,825

4,498,031

Plan servicing credit 90,954

Total additions (deductions) (10,901,324)

Deductions

Benefit payments 7,169,456

Administrative expenses 86,616

Total deductions 7,256,072

NET DECREASE IN NET ASSETS AVAILABLE FOR BENEFITS (18,157,396)

Net assets available for benefits

Beginning of year 153,345,903

End of year \$ 135,188,507

The accompanying notes are an integral part of this financial statement.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS

December 31, 2022 and 2021

NOTE A - PLAN DESCRIPTION

The following description of The Cooper Union Defined Contribution Retirement Plan (the “Plan”) is provided for general information purposes only. More complete information regarding the Plan’s provisions may be found in the Plan document.

General

The Plan is a defined-contribution plan established by The Cooper Union for the Advancement of Science and Art (“Plan Sponsor”) under the provisions of Section 403(b) of the Internal Revenue Code (“IRC”), which allows the Plan Sponsor to make contributions on behalf of eligible employees to a separate account that is eligible for tax-deferred treatment and, which is paid at retirement. The Plan was originally effective on July 1, 1937 and amended January 1, 2009, and then further amended effective December 31, 2011. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

Plan Administration

Teacher’s Insurance and Annuity Association of America (“TIAA”) and College Retirement Equities Fund (“CREF”) (collectively, “TIAA and CREF”), are the custodians, and TIAA is the recordkeeper of the Plan. Effective January 1, 2015, TIAA FSB (“FSB”), a subsidiary of TIAA, is the custodian of certain investments of the Plan.

Eligibility

Employees are immediately eligible to make tax-deferred contributions through salary reduction unless they are students who are enrolled and regularly attending classes offered by the Plan Sponsor.

Employees who are exempt from overtime and who are scheduled to complete 1,000 or more hours of service are eligible to receive Plan Sponsor contributions upon date of hire. Full-time and part-time nonexempt employees who are at least 26 years of age are eligible to receive Plan Sponsor contributions after completing 12 consecutive months of service. Part-time nonexempt employees are credited with a year service for a 12-month period during which they complete 1,000 or more hours of service. Leased or temporary employees do not qualify and therefore, are not eligible.

Contributions

Participants may make tax-deferred elective contributions to the Plan as soon as administratively feasible, subject to the limitations of the IRC. Participants age 50 or older or who attain age 50 during the Plan year may make a “catch-up” contribution as defined by the IRC. In addition, participants having 15 years of service are permitted to make a special “catch-up” contribution as defined by the IRC. Participants may also contribute “rollover” contributions, representing distributions from other qualified plans of a former employer.

The Plan Sponsor makes contributions to the Plan equal to 10% of an employee’s base salary. Base salary from which contributions are calculated under the Plan cannot exceed the limitations of the IRC.

Vesting

Participants are fully and immediately vested in the benefits arising from contributions made under this Plan.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

Participant Accounts

Individual accounts are valued daily and maintained for each of the Plan's participants to reflect the contributions, the participant's share of the Plan's income, realized and unrealized appreciation (depreciation), and any related administrative expenses. Allocations of income and expenses are based on the proportion that each participant's account balance has to the total of all account balances. All investment options are participant directed.

The Plan allows participation in TIAA and CREF investments. TIAA is a nonprofit, legal-reserve life insurance and annuity company. CREF is an open-end diversified-management investment company. Participants purchase TIAA Traditional Annuity Accounts through TIAA or purchase investments in registered investment companies (consisting of variable annuity and mutual funds) or pooled separate accounts through TIAA and CREF. Except for the TIAA Traditional Annuity Account (see Note E) and the TIAA Real Estate Account, investment elections may be changed daily.

Payment of Benefits

Participants may receive all or a portion of their vested account balance resulting from participant elective contributions upon termination of employment, becoming disabled, reaching 59½ years of age, due to hardship, or at any time with respect to pre-1989 elective deferrals invested in an annuity contract. Participants who are absent from work due to military service may be eligible to receive additional benefits under the Heroes Earnings and Assistance Relief Tax Act of 2008.

Benefits are payable upon retirement under the following options: (a) lump sum; (b) partial payments; (c) installment payments; or (d) annuity contracts. Participants who terminate employment prior to retirement may elect to have their balance distributed in a lump sum or transferred to an individual retirement account ("IRA") or another employer's qualified plan. Death benefits are paid according to the benefits election in effect at the time of death. For those eligible for benefits with vested benefits of \$1,000 or less, a participant or beneficiary will automatically receive the value of the vested interest in their account as a lump-sum distribution.

Plan Loans

Generally, participants may borrow a minimum of \$1,000 up to a maximum of \$50,000, subject to certain restrictions. A participant may use, as a source of loan proceeds, any funds allocated to their individual account, as defined under the Plan document; provided, however, that if loan proceeds will include employer contributions, the participant may only have one loan outstanding at any time. Loans used to purchase a primary residence may be repaid over 10 years. Loans for all other purposes must be repaid within five years. Adequate security is required, and a portion of the participant's account is reserved, or held in collateral, to cover 110% of the outstanding loan in case of default. Interest rates may be variable or fixed depending on how the participant's retirement balance is invested. Loans are issued directly from funds owned by TIAA and not directly from a participant's account. For all Plan loans, interest and principal are paid by the participant directly to TIAA. Plan loans are not considered investments of the Plan and, therefore, are not reported in the statements of net assets available for benefits. As of December 31, 2022 and 2021, Plan loans amounted to \$194,471 and \$303,681, respectively.

During 2022, accumulations totaling \$11,207 were used to satisfy Plan loan defaults, which have been recorded as benefit payments in the accompanying statement of changes in net assets available for benefits.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

Notes Receivable from Participants

During the calendar year 2020, TIAA no longer issued plan loans in an effort to enhance their services to participants. The Plan loans were replaced by participant loans. Participant loans are available to active employees subject to certain limitations. Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account. The loan interest rate is commensurate with local prevailing rates and is established at the inception of the loan. Principal and interest is paid directly to TIAA by the participant.

Administrative Expenses

Administrative expenses related to investment management are allocated amongst various funds and are included as an offset to net appreciation in fair value of investments. Other administrative expenses of the Plan are generally paid by the Plan.

NOTE B - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accompanying financial statements are presented on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

Investment contracts held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measure for that portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires Plan management to make estimates and assumptions that affect the accompanying financial statements and disclosures. 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. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 or 2021.

Investment Valuation and Income Recognition

The Plan's investments are recorded at fair value, except for the Plan's investment in fully benefit-responsive investment contracts, which are reported at contract 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. Plan management determines the Plan's valuation policies utilizing information provided by the custodians. See Note D for discussion of fair value measurements.

Purchases and sales are recorded on a trade-date basis. Interest income is recorded on an accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) in fair value of investments represents the change in fair value of assets from one period to the next and realized gains and losses.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

Payment of Benefits

Benefits are recorded when paid.

Plan Servicing Credits

This amount represents a suspense account under the Plan that shall be credited all amounts received by the Plan that do not consist of earnings on Plan investments or Plan contributions and are not especially attributable to identified participant accounts. This account can be used to pay expenses incurred in connection with the operations of the Plan. Also, at the sole discretion of the Plan Sponsor, all amounts remaining in the account as of the last day of the Plan year may be allocated to the accounts of participants and beneficiaries who have account balances as of the allocation date. Any allocation will be made on either a per capita or pro rata basis. This account balance was \$242,331 and \$205,503 as December 31, 2022 and 2021, respectively. Amounts totaling \$43,969 were used for administrative expenses for the year ended December 31, 2022. Amounts totaling \$0 were allocated to participants for the year ended December 31, 2022.

NOTE C - INFORMATION CERTIFIED BY CUSTODIANS

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.03-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, TIAA and CREF, custodians of the Plan, have certified that the following data included in the accompanying financial statements and supplemental schedule of assets (held at year end) is complete and accurate. This certification extends to those investments and notes receivable from participants, if any, which TIAA, FSB, a federal savings association, held as a directed trustee or custodian that were record kept by TIAA.

- Investments and notes receivable from participants, as shown in the statements of net assets available for benefits as of December 31, 2022 and 2021;
- Investment income/loss, as shown in the statement of changes in net assets available for benefits for the year ended December 31, 2022; and
- Schedule H, line 4i - schedule of assets (held at end of year) as of December 31, 2022.

Accordingly, as permitted under such election, the Plan administrator instructed the Plan's independent auditor not to perform any auditing procedures with respect to the certified information.

NOTE D - FAIR VALUE MEASUREMENTS

The Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 820, *Fair Value Measurement*, establishes a framework for measuring fair value which 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 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.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

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; and
- 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 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.

The following is a description of the valuation methodologies used for assets measured at fair value at December 31, 2022 and 2021:

Shares in Registered Investment Companies: Value consists of mutual funds and variable annuities and are valued at the quoted prices held by the Plan at year end. Prices quoted are the net asset value ("NAV") of the shares of the investment funds, which are based on the fair value of the underlying securities within those funds. Data for NAVs are available daily to plan administrators and client investors on NASDAQ's website, and provide sufficient corroborative evidence to ascertain the relationship between each fund's NAV and the values of individual underlying holdings. Underlying holdings are primarily valued using market quotations or prices obtained from independent pricing sources.

TIAA Real Estate Account: The fair value of the Plan's interest in this account (a pooled separate account) is based on the fund's daily NAV, which is considered by Plan management to be the best approximation of fair value. The unit value of the fund is calculated daily and available to plan administrators and client investors on NASDAQ's website and provide sufficient corroborative evidence to ascertain the relationship between each fund's NAV and the values of individual underlying holdings. Underlying holdings are primarily valued using market quotations or prices obtained from independent pricing sources. Although the underlying assets of the fund cannot be quickly sold and converted to liquid assets, the TIAA general account provides the fund with a liquidity guarantee whereby TIAA ensures that the fund has funds available to meet participant redemption, transfer or cash withdrawal requests. There are no unfunded commitments from participants in the Plan who invest in this account.

TIAA Traditional Annuity Accounts and TIAA Stable Value: Fair value is the aggregation of contributions, plus interest, less withdrawals, if any. Crediting rates are a combination of a guaranteed rate and an annually established discretionary rate. Additionally, the discretionary rate applied to contributions received during a reporting period may vary from the discretionary rate applied to account balances at the end of the prior reporting period. Fair value is derived using a discounted cash flow value calculated using an appropriate risk-adjusted discount rate, which correlates closely with TIAA Traditional Annuity Accounts' historical crediting rates.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan management 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 a different fair value measurement at the reporting date. There were no changes in methodologies used at December 31, 2022 and 2021, and there were no transfers between any levels for the years ended December 31, 2022 and 2021.

There are no unrealized gains or losses from the TIAA Traditional Annuity guaranteed investment contracts included in the statement of changes in net assets available for benefits as the contracts are recorded at contract value, which approximates fair value for purposes of the net assets available for benefits.

The following table presents information about significant unobservable inputs related to the Plan's investments in assets categorized as Level 3 in the fair value hierarchy at December 31, 2022 and 2021:

Type	2022 Fair Value	2021 Fair Value	Valuation Technique	Significant Observable Inputs	Range**
TIAA Traditional Annuity Accounts	\$ 34,507,118	\$ 34,803,304	Discounted cash flow	Risk-adjusted discount rate applied*	RA: 3.70%-6.25% SRA: 3.00%-5.50% GSRA: 3.00%-5.50%
TIAA Stable Value	\$ 794,246	\$ 889,089	Theoretical transfer (exit value)		RCP: 3.20%-5.75%

* Unobservable inputs discount rate applied.

Increases (decreases) in the discount rate applied in isolation can result in significantly lower (higher) fair values.

** See Note E for definitions.

The Plan Sponsor's Investment Committee meets quarterly and annually evaluates the Plan's investments.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022:

	2022			
	Level 1	Level 2	Level 3	Total
Registered investment companies	\$ 80,448,239	\$ -	\$ -	\$ 80,448,239
TIAA Real Estate Account	6,918,433	-	-	6,918,433
TIAA Stable Value	-	-	794,246	794,246
TIAA Traditional Annuity Accounts	-	-	34,507,118	34,507,118
Total investments	\$ 87,366,672	\$ -	\$ 35,301,364	\$ 122,668,036

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2021:

	2021			
	Level 1	Level 2	Level 3	Total
Registered investment companies	\$ 98,430,772	\$ -	\$ -	\$ 98,430,772
TIAA Real Estate Account	6,416,560	-	-	6,416,560
TIAA Stable Value	-	-	889,089	889,089
TIAA Traditional Annuity Accounts	-	-	34,803,304	34,803,304
	<u>\$ 104,847,332</u>	<u>\$ -</u>	<u>\$ 35,692,393</u>	<u>\$ 140,539,725</u>

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period.

The Plan evaluated the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to total net assets available for benefits. For the years ended December 31, 2022 and 2021, there were no transfers in or out of Level 1, 2 or 3.

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2022.

Balance, beginning of year	\$ 35,692,393
Interest income included in change in net assets	1,465,400
Purchases	5,950,490
Sales	<u>(7,806,918)</u>
Balance, end of year	<u>\$ 35,301,364</u>

NOTE E - TIAA TRADITIONAL ANNUITY ACCOUNTS

The TIAA Traditional Annuity Accounts are one of the investment options that represent insurance contracts issued by TIAA, which guarantees principal and a contractually specified interest rate to account participants.

The accounts offer the opportunity for higher returns through additional amounts that may be declared on a year-by-year basis by the TIAA Board of Trustees. The accounts are backed by individual bonds, commercial mortgages, real estate, stocks, and other assets selected by specialized teams that target different sectors of the marketplace. The portfolio follows specific guidelines with respect to major asset classes, sectors, industries, property types, geographic regions, individual issuers/borrowers, foreign holdings, liquidity, quality, and derivatives.

The TIAA Traditional Annuity Account is offered through a variety of contract types, including Retirement Annuity ("RA") non-benefit responsive contracts reported at fair value, Supplemental Retirement Annuity ("SRA"), Group Supplemental Retirement Annuity ("GSRA"), and Retirement Choice Plus Annuity ("RCP"), which are fully-benefit responsive contracts and reported at contract value. Each type has various restrictions on withdrawals. Withdrawals and transfers from the RA must be spread over a period of 10 annual installments. GSRA, SRA, and the RCP contracts do not have restrictions on withdrawals except the transfers cannot be made to competing funds.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

The guaranteed annual interest rate is 3.00% for all premiums remitted since 1979 under all TIAA Traditional Annuity Accounts accumulating contracts plus additional amounts established by TIAA on a year-to-year basis. For the RA contracts, the rates were approximately 6.60% for the 2022 and the rates were approximately 3.70% for the 2021 declaration years. For the SRA and the GSRA contracts, the rates were approximately 5.85% for the 2022 and 3% for the 2021 declaration years. For the RCP contracts, the rates were approximately 6.10% for the 2022 and 3.20% for the 2021 declaration years. The crediting interest rate is calculated on a daily basis. There are no custodial fees as annuity products are held in a contract.

NOTE F - PLAN RECORDS MANAGEMENT

In November 2007, the DOL issued amended regulations eliminating an exemption granted to 403(b) plans from the annual Form 5500 reporting and disclosure requirements under Part 1 of Subtitle B of Title I of ERISA. Prior to the amended regulations, the Plan was not viewed as a separate reporting entity. Historically, the Plan was viewed as a collection of individual contracts with which participants could engage in a range of actions with limited involvement, if any, by the Plan Sponsor. Accordingly, various accounting and payroll records related to the Plan's 403(b) annuity contracts and custodial accounts issued to current and former employees prior to January 1, 2009 were not sufficiently maintained by the Plan. Consequently, the Plan's financial statements have been prepared based on available records analyzed by Plan management. As certain records were not available from the inception of the Plan, the effect, if any, on the completeness or accuracy of the Plan's financial statements cannot be determined.

NOTE G - PLAN TERMINATION

Although it has not expressed any intent to do so, the Plan Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA (see Note A).

NOTE H - RELATED-PARTY TRANSACTIONS

The Plan's investments in fixed annuity contracts, variable annuity contracts, mutual funds, a pooled separate account, and a stable value account are managed by TIAA and CREF, the custodians of the Plan and recordkeeper and agent for FSB, a custodian of the Plan. Certain administrative functions of the Plan are performed by employees of the Plan Sponsor. No such employee received compensation from the Plan. The Plan also permits notes receivable from participants. These transactions qualify as party-in-interest transactions and are exempt from the prohibited transaction rules.

NOTE I - RISK AND UNCERTAINTIES

The Plan's assets are invested in a variety of investments. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility risks. Due to the level of risk associated with certain investment securities, including market disruptions and socioeconomic and geopolitical events, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such change could materially affect the amounts reported in the statements of net assets available for benefits.

The Cooper Union Defined Contribution Retirement Plan

NOTES TO FINANCIAL STATEMENTS - CONTINUED

December 31, 2022 and 2021

NOTE J - TAX STATUS

The Plan is intended to comply with the applicable requirements of Section 403(b) of the IRC of 1986, as amended. The Plan administrator and its legal counsel believe that the Plan is designed and is currently being operated, in all material respects, in compliance with the applicable requirements of the IRC and as such is exempt from federal income taxes.

U.S. GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022, there are no uncertain positions taken, or expected to be taken, that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE K - SUBSEQUENT EVENTS

The Plan Sponsor has evaluated subsequent events from December 31, 2022 through October 16, 2023, the date on which the financial statements were available to be issued and is not aware of any subsequent events that would require recognition or disclosure in the financial statements.

SUPPLEMENTAL INFORMATION

The Cooper Union Defined Contribution Retirement Plan

SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

For the year ended December 31, 2022

EMPLOYER ID NO: 13-5562985, PLAN #: 001

Year	Participant Contributions Transferred Late to the Plan	Total that Constitutes Nonexempt Prohibited Transactions			Corrected Under VFCP and PTE 2002-51
	Check here if Late Participant Loan Repayments are included: ☐	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
2022	\$2,283	\$ 2,283	\$ -	\$ -	\$ -

The Cooper Union Defined Contribution Retirement Plan

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

December 31, 2022

EMPLOYER ID NO: 13-5562985, PLAN #: 001

(a)	(b) Identity of Issue, 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
	TIAA-CREF 403(b) Program			
*	CREF Stock R2	Registered investment company	**	\$ 26,587,506
*	CREF Money Market R2	Registered investment company	**	1,386,453
*	CREF Social Choice R2	Registered investment company	**	4,732,202
*	CREF Core Bond R2	Registered investment company	**	2,232,205
*	CREF Global Equities R2	Registered investment company	**	7,044,282
*	CREF Growth R2	Registered investment company	**	6,798,290
*	CREF Equity Index R2	Registered investment company	**	3,948,618
*	CREF Inflation-Linked Bond R2	Registered investment company	**	2,076,196
*	Vanguard Federal Money Mkt Inv	Registered investment company	**	415,313
*	Vanguard Infl Protect Sec Adm	Registered investment company	**	134,969
*	Vanguard Ttl Bd Mkt Idx Adm	Registered investment company	**	185,889
*	Western Asset Core Plus Bnd IS	Registered investment company	**	196,742
*	Lord Abbett High Yield Fund R6	Registered investment company	**	98,456
*	Columbia Dividend Income Inst3	Registered investment company	**	1,858,139
*	iShares S&P 500 Index Fund K	Registered investment company	**	1,189,249
*	MFS Growth Fund Class R6	Registered investment company	**	117,193
*	Victory Sycamore Estab Val R6	Registered investment company	**	1,393,641
*	Pioneer Select Md Cap Growth K	Registered investment company	**	240,862
*	iShares Russ SmalMid Cap Idx K	Registered investment company	**	329,076
*	FedHermes Kauf Small Cap R6	Registered investment company	**	1,028,116
*	Allspring Spec SmallCap Val R6	Registered investment company	**	20,775
*	MFS Intl Diversification CI R6	Registered investment company	**	2,325,696
*	American Funds New World R6	Registered investment company	**	8,012
*	Vanguard Ttl Intl Stk Idx Adm	Registered investment company	**	483,727
*	American Fds 2010 Tar Ret R6	Registered investment company	**	1,284,536
*	American Fds 2015 Tar Ret R6	Registered investment company	**	185,702
*	American Fds 2020 Tar Ret R6	Registered investment company	**	1,042,985
*	American Fds 2025 Tar Ret R6	Registered investment company	**	1,963,649
*	American Fds 2030 Tar Ret R6	Registered investment company	**	1,166,600
*	American Fds 2035 Tar Ret R6	Registered investment company	**	1,641,950
*	American Fds 2040 Tar Ret R6	Registered investment company	**	4,136,146
*	American Fds 2045 Tar Ret R6	Registered investment company	**	2,186,048
*	American Fds 2050 Tar Ret R6	Registered investment company	**	1,845,237
*	American Fds 2055 Tar Ret R6	Registered investment company	**	98,428
*	American Fds 2060 Tar Ret R6	Registered investment company	**	65,352
*	TIAA Real Estate	Pooled separate account	**	6,918,433
*	TIAA Traditional Annuity Account	Fixed annuity contracts	**	34,507,118
*	TIAA Stable Value	Stable value fund	**	794,246
	Total investments, at fair value			<u>\$ 122,668,037</u>
	Fully benefit-responsive investment contracts			
*	TIAA Traditional Benefit Responsive		**	<u>\$ 12,238,872</u>
	Notes receivable from participants	Notes receivable with interest rates ranging from 4.25% to 8.5%, with maturity dates through 2032.		
*	Notes receivable		**	<u>\$ 281,599</u>
*	Indicates party-in-interest to the Plan as defined by ERISA.			
**	Cost information is not required for participant-directed investments.			

Plan Name	THE COOPER UNION DEFINED CONTRIBUTION RETIREMENT PLAN
Plan Sponsor EIN	13-5562985
ERISA Plan #	001
Plan Year Ending	December 31, 2022

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	X

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