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Form 990-T

EXTENDED TO FEBRUARY 18, 2020
Exempt Organization Business Income Tax Return
 (and proxy tax under section 6033(e))

OMB No 1545-0687

For calendar year 2018 or other tax year beginning APR 1, 2018, and ending MAR 31, 2019**2018**

Open to Public Inspection for 501(c)(3) Organizations Only

Department of the Treasury
Internal Revenue ServiceGo to www.irs.gov/Form990T for instructions and the latest information

Do not enter SSN numbers on this form as it may be made public if your organization is a 501(c)(3)

A ☐ Check box if address changed
 B Exempt under section
☒ 501(c)(3) 1903
☐ 408(e) ☐ 220(e)
☐ 408A ☐ 530(a)
☐ 529(a)

Print or Type

Name of organization (☐ Check box if name changed and see instructions)

JCPDS-INTERNATIONAL CENTRE FOR

DIFFRACTION DATA

Number, street, and room or suite no. If a P O box, see instructions.

12 CAMPUS BOULEVARD

City or town, state or province, country, and ZIP or foreign postal code

NEWTOWN SQUARE, PA 19073-3273

D Employer identification number (Employees' trust, see instructions)

23-1722541

E Unrelated business activity code (See instructions)

541800

C Book value of all assets at end of year

26,685,708.

F Group exemption number (See instructions)

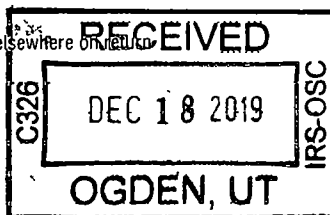
G Check organization type ☒ 501(c) corporation ☐ 501(c) trust ☐ 401(a) trust ☐ Other trust
 H Enter the number of the organization's unrelated trades or businesses 1 Describe the only (or first) unrelated trade or business here SEE STATEMENT 1. If only one, complete Parts I-V. If more than one, describe the first in the blank space at the end of the previous sentence, complete Parts I and II, complete a Schedule M for each additional trade or business, then complete Parts III-V

 I During the tax year, was the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? ☐ Yes ☒ No
 If "Yes," enter the name and identifying number of the parent corporation
J The books are in care of DONNA M. BARRY Telephone number 610 325-9814**Part I Unrelated Trade or Business Income**

	(A) Income	(B) Expenses	(C) Net
1 a Gross receipts or sales			
b Less returns and allowances			
c Balance	1c		
2 Cost of goods sold (Schedule A, line 7)	2		
3 Gross profit Subtract line 2 from line 1c	3		
4 a Capital gain net income (attach Schedule D)	4a		
b Net gain (loss) (Form 4797, Part II, line 17) (attach Form 4797)	4b		
c Capital loss deduction for trusts	4c		
5 Income (loss) from a partnership or an S corporation (attach statement)	5		
6 Rent income (Schedule C)	6		
7 Unrelated debt-financed income (Schedule E)	7		
8 Interest, annuities, royalties, and rents from a controlled organization (Schedule F)	8		
9 Investment income of a section 501(c)(7), (9), or (17) organization (Schedule G)	9		
10 Exploited exempt activity income (Schedule I)	10		
11 Advertising income (Schedule J)	11	12,019.	12,019.
12 Other income (See instructions, attach schedule)	12		
13 Total. Combine lines 3 through 12	13	12,019.	12,019.

Part II Deductions Not Taken Elsewhere (See instructions for limitations on deductions)
 (Except for contributions, deductions must be directly connected with the unrelated business income)

14 Compensation of officers, directors, and trustees (Schedule K)	14	
15 Salaries and wages	15	
16 Repairs and maintenance	16	
17 Bad debts	17	
18 Interest (attach schedule) (see instructions)	18	
19 Taxes and licenses	19	
20 Charitable contributions (See instructions for limitation rules)	20	
21 Depreciation (attach Form 4562)	21	
22 Less depreciation claimed on Schedule A and elsewhere on return	22a	22b
23 Depletion	23	
24 Contributions to deferred compensation plans	24	
25 Employee benefit programs	25	
26 Excess exempt expenses (Schedule I)	26	
27 Excess readership costs (Schedule J)	27	12,019.
28 Other deductions (attach schedule)	28	
29 Total deductions Add lines 14 through 28	29	12,019.
30 Unrelated business taxable income before net operating loss deduction. Subtract line 29 from line 13	30	0.
31 Deduction for net operating loss arising in tax years beginning on or after January 1, 2018 (see instructions)	31	
32 Unrelated business taxable income Subtract line 31 from line 30	32	0.



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Part III Total Unrelated Business Taxable Income

33	Total of unrelated business taxable income computed from all unrelated trades or businesses (see instructions)	33	0.
34	Amounts paid for disallowed fringes	34	
35	Deduction for net operating loss arising in tax years beginning before January 1, 2018 (see instructions)	35	
36	Total of unrelated business taxable income before specific deduction. Subtract line 35 from the sum of lines 33 and 34	36	
37	Specific deduction (Generally \$1,000, but see line 37 instructions for exceptions)	37	1,000.
38	Unrelated business taxable income. Subtract line 37 from line 36. If line 37 is greater than line 36, enter the smaller of zero or line 36	38	0.

Part IV Tax Computation

39	Organizations Taxable as Corporations. Multiply line 38 by 21% (0.21)	39	0.
40	Trusts Taxable at Trust Rates. See instructions for tax computation. Income tax on the amount on line 38 from: <input type="checkbox"/> Tax rate schedule or <input type="checkbox"/> Schedule D (Form 1041)	40	
41	Proxy tax. See instructions	41	
42	Alternative minimum tax (trusts only)	42	
43	Tax on Noncompliant Facility Income. See instructions	43	
44	Total. Add lines 41, 42, and 43 to line 39 or 40, whichever applies	44	0.

Part V Tax and Payments

45a	Foreign tax credit (corporations attach Form 1118; trusts attach Form 1116)	45a	
45b	Other credits (see instructions)	45b	
45c	General business credit. Attach Form 3800	45c	
45d	Credit for prior year minimum tax (attach Form 8801 or 8827)	45d	
45e	Total credits. Add lines 45a through 45d	45e	
46	Subtract line 45e from line 44	46	0.
47	Other taxes. Check if from: <input type="checkbox"/> Form 4255 <input type="checkbox"/> Form 8611 <input type="checkbox"/> Form 9597 <input type="checkbox"/> Form 8866 <input type="checkbox"/> Other (attach schedule)	47	
48	Total tax. Add lines 46 and 47 (see instructions)	48	0.
49	2018 net 965 tax liability paid from Form 965-A or Form 965-B, Part II, column (k), line 2	49	0.
50a	Payments: A 2017 overpayment credited to 2018	50a	2,149.
50b	2018 estimated tax payments	50b	
50c	Tax deposited with Form 8868	50c	
50d	Foreign organizations: Tax paid or withheld at source (see instructions)	50d	
50e	Backup withholding (see instructions)	50e	
50f	Credit for small employer health insurance premiums (attach Form 8941)	50f	
50g	Other credits, adjustments, and payments: <input type="checkbox"/> Form 2439 <input type="checkbox"/> Form 4136 <input type="checkbox"/> Other	50g	
51	Total payments. Add lines 50a through 50g	51	2,149.
52	Estimated tax penalty (see instructions). Check if Form 2220 is attached <input type="checkbox"/>	52	
53	Tax due. If line 51 is less than the total of lines 48, 49, and 52, enter amount owed	53	
54	Overpayment. If line 51 is larger than the total of lines 48, 49, and 52, enter amount overpaid	54	2,149.
55	Enter the amount of line 54 you want: Credited to 2019 estimated tax <input checked="" type="checkbox"/> 2,149. Refunded <input type="checkbox"/>	55	0.

Part VI Statements Regarding Certain Activities and Other Information (see instructions)

56	At any time during the 2018 calendar year, did the organization have an interest in or a signature or other authority over a financial account (bank, securities, or other) in a foreign country? If "Yes," the organization may have to file FinCEN Form 114, Report of Foreign Bank and Financial Accounts. If "Yes," enter the name of the foreign country here	Yes	No
57	During the tax year, did the organization receive a distribution from, or was it the grantor of, or transferor to, a foreign trust? If "Yes," see instructions for other forms the organization may have to file.	Yes	No
58	Enter the amount of tax-exempt interest received or accrued during the tax year	\$	

Sign Here

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Signature of officer

Date

EXECUTIVE DIRECTOR

May the IRS discuss this return with the preparer shown below (see instructions)? ☒ Yes ☐ No

Paid Preparer Use Only

Print/Type preparer's name

FREDERICK E. DAVIS JR.

Preparer's signature

CRA

Date

12/4/19

Check ☐ if self-employed

PTIN

P00446023

Firm's name

MITCHELL & TYFUS LLP

Firm's EIN

13-2781641

Firm's address

80 PINE STREET, 32 FL

Phone no.

(212) 709-4500

NEW YORK, NY 10005

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Page 3

Schedule A - Cost of Goods Sold. Enter method of inventory valuation **N/A**

1 Inventory at beginning of year	1		6 Inventory at end of year	6	
2 Purchases	2		7 Cost of goods sold. Subtract line 6 from line 5. Enter here and in Part I, line 2	7	
3 Cost of labor	3				
4a Additional section 263A costs (attach schedule)	4a		8 Do the rules of section 263A (with respect to property produced or acquired for resale) apply to the organization?	Yes	No
b Other costs (attach schedule)	4b				X
5 Total. Add lines 1 through 4b	5				

Schedule C - Rent Income (From Real Property and Personal Property Leased With Real Property)

(see instructions)

1. Description of property

(1)
(2)
(3)
(4)

2. Rent received or accrued

(a) From personal property (if the percentage of rent for personal property is more than 10% but not more than 50%)	(b) From real and personal property (if the percentage of rent for personal property exceeds 50% or if the rent is based on profit or income)	3(a) Deductions directly connected with the income in columns 2(a) and 2(b) (attach schedule)
(1)		
(2)		
(3)		
(4)		
Total 0.	Total 0.	

(c) Total income. Add totals of columns 2(a) and 2(b). Enter here and on page 1, Part I, line 6, column (A)

(b) Total deductions. Enter here and on page 1, Part I, line 6, column (B)

Schedule E - Unrelated Debt-Financed Income (see instructions)

1 Description of debt-financed property	2 Gross income from or allocable to debt-financed property	3 Deductions directly connected with or allocable to debt-financed property		
		(a) Straight line depreciation (attach schedule)	(b) Other deductions (attach schedule)	
(1)				
(2)				
(3)				
(4)				
4 Amount of average acquisition debt on or allocable to debt-financed property (attach schedule)	5 Average adjusted basis of or allocable to debt-financed property (attach schedule)	6 Column 4 divided by column 5	7 Gross income reportable (column 2 x column 6)	8 Allocable deductions (column 6 x total of columns 3(a) and 3(b))
(1)		%		
(2)		%		
(3)		%		
(4)		%		
Totals			0.	0.
Total dividends-received deductions included in column 8			0.	0.

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Schedule F - Interest, Annuities, Royalties, and Rents From Controlled Organizations (see instructions)

1 Name of controlled organization		2 Employer identification number		Exempt Controlled Organizations		
		3 Net unrelated income (loss) (see instructions)	4 Total of specified payments made	5 Part of column 4 that is included in the controlling organization's gross income	6 Deductions directly connected with income in column 5	
(1)						
(2)						
(3)						
(4)						

Nonexempt Controlled Organizations				
7 Taxable Income	8 Net unrelated income (loss) (see instructions)	9 Total of specified payments made	10 Part of column 9 that is included in the controlling organization's gross income	11 Deductions directly connected with income in column 10
(1)				
(2)				
(3)				
(4)				
			Add columns 5 and 10 Enter here and on page 1, Part I, line 8, column (A)	Add columns 6 and 11 Enter here and on page 1, Part I, line 8, column (B)
Totals			0.	0.

Schedule G - Investment Income of a Section 501(c)(7), (9), or (17) Organization
(see instructions)

1 Description of income	2 Amount of income	3 Deductions directly connected (attach schedule)	4 Set-asides (attach schedule)	5 Total deductions and set-asides (col 3 plus col 4)
(1)				
(2)				
(3)				
(4)				
		Enter here and on page 1, Part I, line 9, column (A)		Enter here and on page 1, Part I, line 9, column (B)
Totals		0.		0.

Schedule I - Exploited Exempt Activity Income, Other Than Advertising Income
(see instructions)

1 Description of exploited activity	2 Gross unrelated business income from trade or business	3 Expenses directly connected with production of unrelated business income	4 Net income (loss) from unrelated trade or business (column 2 minus column 3) If a gain, compute cols 5 through 7	5 Gross income from activity that is not unrelated business income	6 Expenses attributable to column 5	7 Excess exempt expenses (column 6 minus column 5, but not more than column 4)
(1)						
(2)						
(3)						
(4)						
		Enter here and on page 1, Part I, line 10, col (A)	Enter here and on page 1, Part I, line 10, col (B)			Enter here and on page 1, Part II, line 26
Totals		0.	0.			0.

Schedule J - Advertising Income (see instructions)**Part I Income From Periodicals Reported on a Consolidated Basis**

1 Name of periodical	2 Gross advertising income	3 Direct advertising costs	4 Advertising gain or (loss) (col 2 minus col 3) If a gain, compute cols 5 through 7	5 Circulation income	6 Readership costs	7 Excess readership costs (column 6 minus column 5, but not more than column 4)
(1)						
(2)						
(3)						
(4)						
Totals (carry to Part II, line (5))		0.	0.			0.

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Part II **Income From Periodicals Reported on a Separate Basis** (For each periodical listed in Part II, fill in columns 2 through 7 on a line-by-line basis.)

1 Name of periodical	2 Gross advertising income	3 Direct advertising costs	4 Advertising gain or (loss) (col 2 minus col 3) If a gain, compute cols 5 through 7	5 Circulation income	6 Readership costs	7 Excess readership costs (column 6 minus column 5, but not more than column 4)
(1) POWDER						
(2) DIFFRACTION						
(3) JOURNAL	12,019.		12,019.	65,935.	113,784.	12,019.
(4)						
Totals from Part I	0.	0.				0.
Totals, Part II (lines 1-5)	Enter here and on page 1, Part I, line 11, col (A) 12,019.	Enter here and on page 1, Part I, line 11, col (B) 0.				Enter here and on page 1, Part II, line 27 12,019.

Schedule K - Compensation of Officers, Directors, and Trustees (see instructions)

1 Name	2 Title	3 Percent of time devoted to business	4 Compensation attributable to unrelated business
(1)		%	
(2)		%	
(3)		%	
(4)		%	
Total Enter here and on page 1, Part II, line 14			0.

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FORM 990-T	DESCRIPTION OF ORGANIZATION'S PRIMARY UNRELATED BUSINESS ACTIVITY	STATEMENT 1
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ADVERTISING REVENUE FROM THE PUBLICATION OF A JOURNAL RELATED TO THE ORGANIZATION'S EXEMPT FUNCTION.

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