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Return of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust
Treated as a Private Foundation

2010

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements.

For calendar year 2010, or tax year beginning

, and ending

G Check all that apply:

☐ Initial return☐ Initial return of a former public charity☐ Final return☐ Amended return☐ Address change☐ Name change

Name of foundation FREDERICK GARDNER COTTRELL FOUNDATION		A Employer identification number 86-0940147
Number and street (or P.O. box number if mail is not delivered to street address) 5210 EAST WILLIAMS CIRCLE SUITE 240		B Telephone number (520) 748-4420
City or town, state, and ZIP code TUCSON, AZ 85711-4410		C If exemption application is pending, check here ☐
H Check type of organization: ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation		D 1. Foreign organizations, check here ☐ 2. Foreign organizations meeting the 85% test, check here and attach computation ☐
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) \$ 5,639,147. (Part I, column (d) must be on cash basis)	J Accounting method: ☐ Cash ☒ Accrual ☐ Other (specify) _____	E If private foundation status was terminated under section 507(b)(1)(A), check here ☐
		F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ☐

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a))		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
1 Contributions, gifts, grants, etc., received		2,190,353.		N/A	
2 Check ☐ if the foundation is not required to attach Sch B					
3 Interest on savings and temporary cash investments		29.	29.		STATEMENT 1
4 Dividends and interest from securities		76,664.	76,664.		STATEMENT 2
5a Gross rents					
b Net rental income or (loss)					
6a Net gain or (loss) from sale of assets not on line 10		-76,127.			
b Gross sales price for all assets on line 6a		1,321,546.			
7 Capital gain net income (from Part IV, line 2)			0.		
8 Net short-term capital gain					
9 Income modifications					
10a Gross sales less returns and allowances					
b Less Cost of goods sold					
c Gross profit or (loss)					
11 Other income					
12 Total Add lines 1 through 11		2,190,919.	76,693.		
13 Compensation of officers, directors, trustees, etc		0.	0.		0.
14 Other employee salaries and wages					
15 Pension plans, employee benefits					
16a Legal fees					
b Accounting fees STMT 3		1,850.	0.		1,850.
c Other professional fees					
17 Interest					
18 Taxes STMT 4		2,044.	2,044.		0.
19 Depreciation and depletion					
20 Occupancy					
21 Travel, conferences, and meetings					
22 Printing and publications					
23 Other expenses STMT 5		4,386.	4,386.		0.
24 Total operating and administrative expenses Add lines 13 through 23		8,280.	6,430.		1,850.
25 Contributions, gifts, grants paid		114,050.			114,050.
26 Total expenses and disbursements Add lines 24 and 25		122,330.	6,430.		115,900.
27 Subtract line 26 from line 12:					
a Excess of revenue over expenses and disbursements		2,068,589.			
b Net investment income (if negative, enter -0-)			70,263.		
c Adjusted net income (if negative, enter -0-)				N/A	

Part II Balance Sheets

Attached schedules and amounts in the description column should be for end-of-year amounts only

		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash - non-interest-bearing	6,243.	15,817.	15,817.
	2 Savings and temporary cash investments			
	3 Accounts receivable ▶ 2,190,353.			
	Less: allowance for doubtful accounts ▶		2,190,353.	2,190,353.
	4 Pledges receivable ▶			
	Less: allowance for doubtful accounts ▶			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons			
	7 Other notes and loans receivable ▶			
	Less: allowance for doubtful accounts ▶			
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges			
	10a Investments - U.S. and state government obligations			
	b Investments - corporate stock STMT 7	3,418,121.	3,432,977.	3,432,977.
	c Investments - corporate bonds			
11 Investments - land, buildings, and equipment basis ▶				
Less: accumulated depreciation ▶				
12 Investments - mortgage loans				
13 Investments - other				
14 Land, buildings, and equipment: basis ▶				
Less: accumulated depreciation ▶				
15 Other assets (describe ▶)				
16 Total assets (to be completed by all filers)	3,424,364.	5,639,147.	5,639,147.	
Liabilities	17 Accounts payable and accrued expenses			
	18 Grants payable	300,000.	200,000.	
	19 Deferred revenue			
	20 Loans from officers, directors, trustees, and other disqualified persons			
	21 Mortgages and other notes payable			
	22 Other liabilities (describe ▶)			
23 Total liabilities (add lines 17 through 22)	300,000.	200,000.		
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶ ☒ X			
	and complete lines 24 through 26 and lines 30 and 31			
	24 Unrestricted	3,124,364.	5,439,147.	
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here ▶ ☐			
	and complete lines 27 through 31			
	27 Capital stock, trust principal, or current funds			
	28 Paid-in or capital surplus, or land, bldg., and equipment fund			
29 Retained earnings, accumulated income, endowment, or other funds				
30 Total net assets or fund balances	3,124,364.	5,439,147.		
31 Total liabilities and net assets/fund balances	3,424,364.	5,639,147.		

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year - Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	3,124,364.
2 Enter amount from Part I, line 27a	2	2,068,589.
3 Other increases not included in line 2 (itemize) ▶ SEE STATEMENT 6	3	371,194.
4 Add lines 1, 2, and 3	4	5,564,147.
5 Decreases not included in line 2 (itemize) ▶ PRIOR PERIOD ADJUSTMENT	5	125,000.
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	5,439,147.

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a SEE ATTACHED VARIOUS SHORT TERM	P	VARIOUS	VARIOUS
b SEE ATTACHED VARIOUS LONG TERM	P	VARIOUS	VARIOUS
c			
d			
e			

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a 208,470.		205,559.	2,911.
b 1,113,076.		1,192,114.	-79,038.
c			
d			
e			

(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a			2,911.
b			-79,038.
c			
d			
e			

2 Capital gain net income or (net capital loss)	If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7	2	-76,127.
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). If (loss), enter -0- in Part I, line 8		3	N/A

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank.

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period?

☐ Yes ☒ No

If "Yes," the foundation does not qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year; see instructions before making any entries.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2009	300,510.	3,728,502.	.080598
2008	567,370.	4,586,718.	.123698
2007	18,895.	5,742,877.	.003290
2006	754,047.	1,083,206.	.696125
2005	969,279.	1,883,340.	.514660

2 Total of line 1, column (d)	2	1.418371
3 Average distribution ratio for the 5-year base period - divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years	3	.283674
4 Enter the net value of noncharitable-use assets for 2010 from Part X, line 5	4	3,230,555.
5 Multiply line 4 by line 3	5	916,424.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	703.
7 Add lines 5 and 6	7	917,127.
8 Enter qualifying distributions from Part XII, line 4 If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions.	8	115,900.

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948 - see instructions)

1a Exempt operating foundations described in section 4940(d)(2), check here ☐ and enter "N/A" on line 1. Date of ruling or determination letter: _____ (attach copy of letter if necessary-see instructions)			
b Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☐ and enter 1% of Part I, line 27b		1	1,405.
c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col. (b).			
2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)		2	0.
3 Add lines 1 and 2		3	1,405.
4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)		4	0.
5 Tax based on investment income Subtract line 4 from line 3. If zero or less, enter -0-		5	1,405.
6 Credits/Payments:			
a 2010 estimated tax payments and 2009 overpayment credited to 2010	6a 3,000.		
b Exempt foreign organizations - tax withheld at source	6b		
c Tax paid with application for extension of time to file (Form 8868)	6c		
d Backup withholding erroneously withheld	6d		
7 Total credits and payments. Add lines 6a through 6d	7	3,000.	
8 Enter any penalty for underpayment of estimated tax. Check here ☐ if Form 2220 is attached	8		
9 Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed	9		
10 Overpayment If line 7 is more than the total of lines 5 and 8, enter the amount overpaid	10	1,595.	
11 Enter the amount of line 10 to be: Credited to 2011 estimated tax 1,595. Refunded	11	0.	

Part VII-A Statements Regarding Activities

	Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?		X
b Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see instructions for definition)? If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.		X
c Did the foundation file Form 1120-POL for this year?		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: (1) On the foundation. \$ 0. (2) On foundation managers. \$ 0.		
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. \$ 0.		
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities	2	X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes	3	X
4a Did the foundation have unrelated business gross income of \$1,000 or more during the year?	4a	X
b If "Yes," has it filed a tax return on Form 990-T for this year?	4b	
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by General Instruction T	5	X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	X
7 Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col (c), and Part XV	7	X
8a Enter the states to which the foundation reports or with which it is registered (see instructions) <u>AZ</u>		
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation	8b	X
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2010 or the taxable year beginning in 2010 (see instructions for Part XIV)? If "Yes," complete Part XIV	9	X
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses	10	X

N/A

Part VII-A Statements Regarding Activities (continued)

11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions).	11		X
12	Did the foundation acquire a direct or indirect interest in any applicable insurance contract before August 17, 2008?	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	X	

Website address ► www.rcitech.com N/A

14 The books are in care of ► KATHLEEN M. HUNTER-GREGORY Telephone no. ► 520-748-4420
 Located at ► 5210 E WILLIAMS CIRCLE, SUITE 240, TUCSON, AZ ZIP+4 ► 85711-4410

15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here ☐
 and enter the amount of tax-exempt interest received or accrued during the year ► 15 N/A

16 At any time during calendar year 2010, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? ☐ Yes ☒ No
 See page 20 of the instructions for exceptions and filing requirements for Form TD F 90-22.1. If "Yes," enter the name of the foreign country ►

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

	Yes	No
1a During the year did the foundation (either directly or indirectly):		
(1) Engage in the sale or exchange, or leasing of property with a disqualified person?	☐ Yes ☒ No	
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?	☐ Yes ☒ No	
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?	☐ Yes ☒ No	
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?	☐ Yes ☒ No	
(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?	☐ Yes ☒ No	
(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.)	☐ Yes ☒ No	
b If any answer is "Yes" to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see page 22 of the instructions)? Organizations relying on a current notice regarding disaster assistance check here ► ☐	1b	X
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2010?	1c	X
2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):		
a At the end of tax year 2010, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2010? ☐ Yes ☒ No If "Yes," list the years ► _____		
b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement - see instructions.) <u>N/A</u>	2b	
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here. ► _____		
3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? ☐ Yes ☒ No		
b If "Yes," did it have excess business holdings in 2010 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2010) <u>N/A</u>	3b	
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a	X
b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2010?	4b	X

Form 990-PF (2010)

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)**5a** During the year did the foundation pay or incur any amount to:

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))?

☐ Yes ☒ No

(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive?

☐ Yes ☒ No

(3) Provide a grant to an individual for travel, study, or other similar purposes?

☐ Yes ☒ No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)?

☐ Yes ☒ No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals?

☐ Yes ☒ No**b** If any answer is "Yes" to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?

5b

X

Organizations relying on a current notice regarding disaster assistance check here

▶ ☐**c** If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant?

N/A

☐ Yes ☐ No

If "Yes," attach the statement required by Regulations section 53.4945-5(d)

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?☐ Yes ☒ No

6b

X

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?

If "Yes" to 6b, file Form 8870

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?☐ Yes ☒ No**b** If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction?

N/A

7b

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**1** List all officers, directors, trustees, foundation managers and their compensation.

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
SEE STATEMENT 8		0.	0.	0.

2 Compensation of five highest-paid employees (other than those included on line 1). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NONE				

Total number of other employees paid over \$50,000

0

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
a	Average monthly fair market value of securities	1a	3,268,857.
b	Average of monthly cash balances	1b	10,894.
c	Fair market value of all other assets	1c	0.
d	Total (add lines 1a, b, and c)	1d	3,279,751.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	0.
2	Acquisition indebtedness applicable to line 1 assets	2	0.
3	Subtract line 2 from line 1d	3	3,279,751.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	49,196.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	3,230,555.
6	Minimum investment return. Enter 5% of line 5	6	161,528.

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here ☐ and do not complete this part.)

1	Minimum investment return from Part X, line 6	1	161,528.
2a	Tax on investment income for 2010 from Part VI, line 5	2a	1,405.
b	Income tax for 2010. (This does not include the tax from Part VI.)	2b	
c	Add lines 2a and 2b	2c	1,405.
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	160,123.
4	Recoveries of amounts treated as qualifying distributions	4	0.
5	Add lines 3 and 4	5	160,123.
6	Deduction from distributable amount (see instructions)	6	0.
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	160,123.

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26	1a	115,900.
b	Program-related investments - total from Part IX-B	1b	0.
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	
b	Cash distribution test (attach the required schedule)	3b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	115,900.
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b	5	0.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	115,900.

Note The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2009	(c) 2009	(d) 2010
1 Distributable amount for 2010 from Part XI, line 7				160,123.
2 Undistributed income, if any, as of the end of 2010				
a Enter amount for 2009 only			0.	
b Total for prior years:		0.		
3 Excess distributions carryover, if any, to 2010:				
a From 2005	875,824.			
b From 2006	702,316.			
c From 2007				
d From 2008	341,710.			
e From 2009	116,011.			
f Total of lines 3a through e	2,035,861.			
4 Qualifying distributions for 2010 from Part XII, line 4: ► \$	115,900.			
a Applied to 2009, but not more than line 2a			0.	
b Applied to undistributed income of prior years (Election required - see instructions)		0.		
c Treated as distributions out of corpus (Election required - see instructions)	0.			
d Applied to 2010 distributable amount				115,900.
e Remaining amount distributed out of corpus	0.			
5 Excess distributions carryover applied to 2010 (If an amount appears in column (d), the same amount must be shown in column (a).)	44,223.			44,223.
6 Enter the net total of each column as indicated below:				
a Corpus. Add lines 3f, 4c, and 4e. Subtract line 5	1,991,638.			
b Prior years' undistributed income. Subtract line 4b from line 2b		0.		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed		0.		
d Subtract line 6c from line 6b. Taxable amount - see instructions		0.		
e Undistributed income for 2009. Subtract line 4a from line 2a. Taxable amount - see instr.			0.	
f Undistributed income for 2010. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2011				0.
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3)	0.			
8 Excess distributions carryover from 2005 not applied on line 5 or line 7	831,601.			
9 Excess distributions carryover to 2011. Subtract lines 7 and 8 from line 6a	1,160,037.			
10 Analysis of line 9:				
a Excess from 2006	702,316.			
b Excess from 2007				
c Excess from 2008	341,710.			
d Excess from 2009	116,011.			
e Excess from 2010				

Part XV Supplementary Information (continued)

3 Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a Paid during the year				
C-PATH INSTITUTE 1730 E. RIVER ROAD SUITE 200 TUCSON, AZ 85718		501(C)(3)	CONTRIBUTION TO DEVELOPMENT PROGRAM	100,000.
UCSF CENTER FOR BIOENTREPRENEURSHIP THE UNIVERSITY OF CALIFORNIA SAN		501(C)(3)	BIOENTREPRENEURSHIP PROGRAM	10,000.
EPILEPSY FOUNDATION OF ARIZON 240 W THOMAS ROAD, 2ND FLOOR PHOENIX, AZ		501(C)(3)	TUCSON EPILEPSY WALK	500.
KOMEN SOUTHERN ARIZONA 4574 E BROADWAY BOULEVARD TUCSON, AZ 85711		501(C)(3)	KOMEN RACE FOR THE CURE, SOUTHERN ARIZONA	500.
SOUTHERN ARIZONA SEARCH AND RESCUE P O BOX 12892 TUCSON, AZ 85732-2892		501(C)(3)	MEMORIAL DONATION JOHN T PERCHOROWICZ	1,000.
UNIVERSITY OF ARIZONA/FATHER'S DAY COUNCIL - 1501 N CAMPBELL AVENUE SUITE 3301		501(C)(3)	STEELE CHILDREN'S RESEARCH CENTER	2,050.
Total				114,050.
b Approved for future payment				
NONE				
Total				0.

Schedule B(Form 990, 990-EZ,
or 990-PF)Department of the Treasury
Internal Revenue Service**Schedule of Contributors**

▶ Attach to Form 990, 990-EZ, or 990-PF.

OMB No 1545-0047

2010

Name of the organization

Employer identification number

FREDERICK GARDNER COTTRELL FOUNDATION

86-0940147

Organization type (check one)

Filers of:

Section:

Form 990 or 990-EZ

☐ 501(c)() (enter number) organization☐ 4947(a)(1) nonexempt charitable trust not treated as a private foundation☐ 527 political organization

Form 990-PF

☒ 501(c)(3) exempt private foundation☐ 4947(a)(1) nonexempt charitable trust treated as a private foundation☐ 501(c)(3) taxable private foundationCheck if your organization is covered by the **General Rule** or a **Special Rule**.**Note.** Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.**General Rule**

- ☒ For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II.

Special Rules

- ☐ For a section 501(c)(3) organization filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), and received from any one contributor, during the year, a contribution of the greater of (1) \$5,000 or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h or (ii) Form 990-EZ, line 1. Complete Parts I and II.
- ☐ For a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, aggregate contributions of more than \$1,000 for use *exclusively* for religious, charitable, scientific, literary, or educational purposes, or the prevention of cruelty to children or animals. Complete Parts I, II, and III.
- ☐ For a section 501(c)(7), (8), or (10) organization filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions for use *exclusively* for religious, charitable, etc., purposes, but these contributions did not aggregate to more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Do not complete any of the parts unless the **General Rule** applies to this organization because it received nonexclusively religious, charitable, etc., contributions of \$5,000 or more during the year. ▶ \$ _____

Caution. An organization that is not covered by the General Rule and/or the Special Rules does not file Schedule B (Form 990, 990-EZ, or 990-PF), but it **must** answer "No" on Part IV, line 2 of its Form 990, or check the box on line H of its Form 990-EZ, or on line 2 of its Form 990-PF, to certify that it does not meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990, 990-EZ, or 990-PF. Schedule B (Form 990, 990-EZ, or 990-PF) (2010)

Name of organization

Employer identification number

FREDERICK GARDNER COTTRELL FOUNDATION

86-0940147

Part I Contributors (see instructions)

(a) No.	(b) Name, address, and ZIP + 4	(c) Aggregate contributions	(d) Type of contribution
1	RESEARCH CORPORATION TECHNOLOGIES 5210 EAST WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711-4400	\$ 2,190,353.	Person ☐ Payroll ☐ Noncash ☒ (Complete Part II if there is a noncash contribution.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution.)
		\$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II if there is a noncash contribution.)

Name of organization

Employer identification number

FREDERICK GARDNER COTTRELL FOUNDATION

86-0940147

Part II Noncash Property (see instructions)[illegible]

Name of organization

Employer identification number

FREDERICK GARDNER COTTRELL FOUNDATION**86-0940147****Part III**

Exclusively religious, charitable, etc., individual contributions to section 501(c)(7), (8), or (10) organizations aggregating more than \$1,000 for the year. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year (Enter this information once See instructions) ► \$

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee
	(e) Transfer of gift		
	Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee

FORM 990-PF INTEREST ON SAVINGS AND TEMPORARY CASH INVESTMENTS STATEMENT 1

SOURCE	AMOUNT
INTEREST ON FEDERAL TAX REFUND	29.
TOTAL TO FORM 990-PF, PART I, LINE 3, COLUMN A	29.

FORM 990-PF DIVIDENDS AND INTEREST FROM SECURITIES STATEMENT 2

SOURCE	GROSS AMOUNT	CAPITAL GAINS DIVIDENDS	COLUMN (A) AMOUNT
CAPITAL GUARDIAN	76,664.	0.	76,664.
TOTAL TO FM 990-PF, PART I, LN 4	76,664.	0.	76,664.

FORM 990-PF ACCOUNTING FEES STATEMENT 3

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
ACCOUNTING FEES	1,850.	0.		1,850.
TO FORM 990-PF, PG 1, LN 16B	1,850.	0.		1,850.

FORM 990-PF TAXES STATEMENT 4

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
FOREIGN TAXES	2,044.	2,044.		0.
TO FORM 990-PF, PG 1, LN 18	2,044.	2,044.		0.

FORM 990-PF	OTHER EXPENSES			STATEMENT	5
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
PORTFOLIO MANAGEMENT FEES	3,343.	3,343.			0.
BANK ACCOUNT CHARGES	583.	583.			0.
OTHER	460.	460.			0.
TO FORM 990-PF, PG 1, LN 23	4,386.	4,386.			0.

FORM 990-PF	OTHER INCREASES IN NET ASSETS OR FUND BALANCES	STATEMENT	6
DESCRIPTION		AMOUNT	
UNREALIZED GAINS ON INVESTMENTS CARRIED AT FMV		364,705.	
FEDERAL TAX REFUND		6,489.	
TOTAL TO FORM 990-PF, PART III, LINE 3		371,194.	

FORM 990-PF	CORPORATE STOCK		STATEMENT	7
DESCRIPTION	BOOK VALUE	FAIR MARKET VALUE		
MARKETABLE SECURITIES	3,432,977.	3,432,977.		
TOTAL TO FORM 990-PF, PART II, LINE 10B	3,432,977.	3,432,977.		

FORM 990-PF	PART VIII - LIST OF OFFICERS, DIRECTORS TRUSTEES AND FOUNDATION MANAGERS	STATEMENT	8
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NAME AND ADDRESS	TITLE AND AVRG HRS/WK	COMPEN- SATION	EMPLOYEE BEN PLAN CONTRIB	EXPENSE ACCOUNT
GARY MUNSINGER 5210 E WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711	PRESIDENT/DIRECTOR 1.00	0.	0.	0.
CHRISTOPHER MARTIN 5210 E WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711	TREASURER/DIRECTOR 1.00	0.	0.	0.
JOHN SCHAEFER 5210 E WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711	DIRECTOR 1.00	0.	0.	0.
SHAUN KIRKPATRICK 5210 E WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711	DIRECTOR 1.00	0.	0.	0.
LYLE BOOTMAN 5210 E WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711	DIRECTOR 1.00	0.	0.	0.
REBECCA BUESCHER 5210 E WILLIAMS CIRCLE, SUITE 240 TUCSON, AZ 85711	SECRETARY 1.00	0.	0.	0.
TOTALS INCLUDED ON 990-PF, PAGE 6, PART VIII		0.	0.	0.

2010 Tax Information Statement

Page 7 of 12

Account Number: 70-277200
 Recipient's Tax ID Number: XX-XXX0147

Recipient's Name and Address:
 FREDERICK GARDNER COTTRELL FDN
 C/O RESEARCH CORP TECH-REBECCA
 BUESCHER
 5210 EAST WILLIAMS CIRCLE SUITE 240
 TUCSON, AZ 85711-4410

☐ Corrected ☐ 2nd TIN notice

CAPITAL GUARDIAN TRUST COMPANY
 C/O PCS TAX, 6455 IRVINE CENTER DR, C-2B
 IRVINE, CA 92618

2010 Proceeds from Broker and Barter Exchange Transactions

Sales are listed at Gross Proceeds less commissions and option premiums.

Number of shares	CUSIP	Description	Date Acquired	Date of Sale	Stocks, Bonds, etc.	Cost or other Basis	Net Gain or Loss	Federal Income Tax Withheld
Short Term Sales								
3978 6460	097873822	BOND FUND OF AMERICA CL F2	VARIOUS	04/12/2010	47,664.17	45,436.48	2,227.69	0.00
9842 5200	14042Y304	CAPITAL CORE BOND FUND	VARIOUS	05/21/2010	100,000.00	98,426.43	1,573.57	0.00
3398 0580	14042Y304	CAPITAL CORE BOND FUND	VARIOUS	07/22/2010	35,000.01	34,022.89	977.12	0.00
199 7040	29875E100	EUROPACIFIC GROWTH FUND CL F2	12/28/2009	05/21/2010	6,805.91	7,666.65	-860.74	0.00
177 7590	360802821	FUNDAMENTAL INVESTORS CL F2	VARIOUS	05/21/2010	5,535.42	5,840.82	-305.40	0.00
175 8620	399874825	GROWTH FUND OF AMERICA CL F2	12/22/2009	05/21/2010	4,598.79	4,769.38	-170.59	0.00
297 1040	648018828	NEW PERSPECTIVE FUND CL F2	12/23/2009	05/21/2010	7,017.60	7,552.39	-534.79	0.00
184 0740	82524A821	SHORT TERM BOND FD OF AMERICA INC CL F2	VARIOUS	04/12/2010	1,848.11	1,843.60	4.51	0.00
Total Short Term Sales						208,470.01	205,558.64	2,911.37
Long Term 15% Sales								
66751 9700	097873822	BOND FUND OF AMERICA CL F2	VARIOUS	04/12/2010	799,688.58	818,122.43	-18,433.85	0.00
1267 4320	29875E100	EUROPACIFIC GROWTH FUND CL F2	06/05/2008	05/21/2010	43,194.09	62,899.35	-19,705.26	0.00
956 2840	29875E100	EUROPACIFIC GROWTH FUND CL F2	VARIOUS	07/22/2010	35,000.00	45,563.52	-10,563.52	0.00
946 1970	360802821	FUNDAMENTAL INVESTORS CL F2	VARIOUS	05/21/2010	29,464.59	37,231.16	-7,766.57	0.00
469 7780	360802821	FUNDAMENTAL INVESTORS CL F2	02/19/2008	07/22/2010	15,000.00	18,469.59	-3,469.59	0.00
206 5470	399874825	GROWTH FUND OF AMERICA CL F2	06/05/2008	05/21/2010	5,401.21	7,064.83	-1,663.62	0.00

This is important tax information and is being furnished to you.

2010 Tax Information Statement

Account Number: 70-277200
 Recipient's Tax ID Number: XX-XXX0147

Recipient's Name and Address:
 FREDERICK GARDNER COTTELL FDN
 C/O RESEARCH CORP TECH-REBECCA
 BUESCHER
 5210 EAST WILLIAMS CIRCLE SUITE 240
 TUCSON, AZ 85711-4410

☐ Corrected ☐ 2nd TIN notice

CAPITAL GUARDIAN TRUST COMPANY
 C/O PCS TAX, 6455 IRVINE CENTER DR, C-2B
 IRVINE, CA 92618

Number of shares	CUSIP	Description	Date Acquired	Date of Sale	Stocks Bonds, etc.	Cost or other Basis	Net Gain or Loss	Federal Income Tax Withheld
749.9060	393874825	GROWTH FUND OF AMERICA CL F2	VARIOUS	07/22/2010	20,000.00	24,883.86	-4,883.86	0.00
1508.2960	648018828	NEW PERSPECTIVE FUND CL F2	02/19/2008	04/22/2010	40,000.00	47,881.40	-7,881.40	0.00
126.2660	648018828	NEW PERSPECTIVE FUND CL F2	02/19/2008	05/21/2010	2,982.40	4,008.36	-1,025.96	0.00
805.8020	648018828	NEW PERSPECTIVE FUND CL F2	02/19/2008	07/22/2010	20,000.00	25,580.47	-5,580.47	0.00
10193.7150	82524A821	SHORT TERM BOND FD OF AMERICA INC CL F2	VARIOUS	04/12/2010	102,344.91	100,408.99	1,935.92	0.00
Total Long Term 15% Sales					1,113,075.78	1,192,113.96	-79,038.18	0.00

Application for Extension of Time To File an Exempt Organization Return

OMB No 1545-1709

► **File a separate application for each return.**

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** and check this box ☒ **X**
- If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only **Part II** (on page 2 of this form)

Do not complete Part II unless you have already been granted an automatic 3-month extension on a previously filed Form 8868

Electronic filing (e-file). You can electronically file Form 8868 if you need a 3-month automatic extension of time to file (6 months for a corporation required to file Form 990-T), or an additional (not automatic) 3-month extension of time. You can electronically file Form 8868 to request an extension of time to file any of the forms listed in Part I or Part II with the exception of Form 8870, Information Return for Transfers Associated With Certain Personal Benefit Contracts, which must be sent to the IRS in paper format (see instructions). For more details on the electronic filing of this form, visit www.irs.gov/efile and click on *e-file for Charities & Nonprofits*.

Part I Automatic 3-Month Extension of Time. Only submit original (no copies needed)

A corporation required to file Form 990-T and requesting an automatic 6-month extension - check this box and complete Part I only ☐

All other corporations (including 1120-C filers), partnerships, REMICs, and trusts must use Form 7004 to request an extension of time to file income tax returns.

Type or print File by the due date for filing your return. See instructions	Name of exempt organization FREDERICK GARDNER COTTRELL FOUNDATION	Employer identification number 86-0940147
	Number, street, and room or suite no. If a P O box, see instructions. 5210 EAST WILLIAMS CIRCLE SUITE 240	
	City, town or post office, state, and ZIP code. For a foreign address, see instructions. TUCSON, AZ 85711-4410	

Enter the Return code for the return that this application is for (file a separate application for each return)

04

Application Is For	Return Code	Application Is For	Return Code
Form 990	01	Form 990-T (corporation)	07
Form 990-BL	02	Form 1041-A	08
Form 990-EZ	03	Form 4720	09
Form 990-PF	04	Form 5227	10
Form 990-T (sec. 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

KATHLEEN M. HUNTER-GREGORY - 5210 E WILLIAMS CIRCLE,

- The books are in the care of ► **SUITE 240 - TUCSON, AZ 85711-4410**

Telephone No ► **520-748-4420**

FAX No ►

- If the organization does not have an office or place of business in the United States, check this box ☐
- If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) _____ If this is for the whole group, check this box ☐ If it is for part of the group, check this box ☐ and attach a list with the names and EINs of all members the extension is for

1 I request an automatic 3-month (6 months for a corporation required to file Form 990-T) extension of time until **AUGUST 15, 2011**, to file the exempt organization return for the organization named above. The extension is for the organization's return for
 ► ☒ calendar year **2010** or
 ► ☐ tax year beginning _____, and ending _____

2 If the tax year entered in line 1 is for less than 12 months, check reason ☐ Initial return ☐ Final return
☐ Change in accounting period

3a If this application is for Form 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	3a	\$ 0.
b If this application is for Form 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit.	3b	\$ 3,000.
c Balance due. Subtract line 3b from line 3a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	3c	\$ 0.

Caution. If you are going to make an electronic fund withdrawal with this Form 8868, see Form 8453-EO and Form 8879-EO for payment instructions.

LHA For Paperwork Reduction Act Notice, see Instructions.

Form 8868 (Rev. 1-2011)

• If you are filing for an **Additional (Not Automatic) 3-Month Extension**, complete only Part II and check this box ☒ **X**

Note. Only complete Part II if you have already been granted an automatic 3-month extension on a previously filed Form 8868.

• If you are filing for an **Automatic 3-Month Extension**, complete only Part I (on page 1).

Part II		Additional (Not Automatic) 3-Month Extension of Time. Only file the original (no copies needed).	
Type or print File by the extended due date for filing your return. See instructions.	Name of exempt organization		Employer identification number
	FREDERICK GARDNER COTTRELL FOUNDATION		86-0940147
	Number, street, and room or suite no. If a P.O. box, see instructions. 5210 EAST WILLIAMS CIRCLE SUITE 240		
City, town or post office, state, and ZIP code. For a foreign address, see instructions TUCSON, AZ 85711-4410			

Enter the Return code for the return that this application is for (file a separate application for each return)

04

Application Is For	Return Code	Application Is For	Return Code
Form 990	01		
Form 990-BL	02	Form 1041-A	08
Form 990-EZ	03	Form 4720	09
Form 990-PF	04	Form 5227	10
Form 990-T (sec. 401(a) or 408(a) trust)	05	Form 6069	11
Form 990-T (trust other than above)	06	Form 8870	12

STOP! Do not complete Part II if you were not already granted an automatic 3-month extension on a previously filed Form 8868.

KATHLEEN M. HUNTER-GREGORY - 5210 E WILLIAMS CIRCLE,

• The books are in the care of **SUITE 240 - TUCSON, AZ 85711-4410**

Telephone No. **520-748-4420**

FAX No. ☐

• If the organization does not have an office or place of business in the United States, check this box ☐

• If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) ☐ If this is for the whole group, check this box ☐. If it is for part of the group, check this box ☐ and attach a list with the names and EINs of all members the extension is for.

4 I request an additional 3-month extension of time until **NOVEMBER 15, 2011**

5 For calendar year **2010**, or other tax year beginning ☐ , and ending ☐

6 If the tax year entered in line 5 is for less than 12 months, check reason: ☐ Initial return ☐ Final return

☐ Change in accounting period

7 State in detail why you need the extension

ALL PERTINENT INFORMATION NECESSARY FOR PROPER COMPLETION OF RETURN IS NOT YET AVAILABLE.

8a	If this application is for Form 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions.	8a	\$	1,405.
b	If this application is for Form 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit and any amount paid previously with Form 8868.	8b	\$	3,000.
c	Balance due. Subtract line 8b from line 8a. Include your payment with this form, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions.	8c	\$	0.

Signature and Verification

Under penalties of perjury, I declare that I have examined this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete, and that I am authorized to prepare this form.

Signature Mary's Zuer Title CFA Date 8-15-11

Form 8868 (Rev. 1-2011)