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**Return of Private Foundation  
or Section 4947(a)(1) Nonexempt Charitable Trust  
Treated as a Private Foundation****2012**Department of the Treasury  
Internal Revenue Service

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

**For calendar year 2012, or tax year beginning , 2012, and ending**

|   |   |   |
|---|---|---|
| Name of foundation<br><b>AIR-PRUNING TECHNOLOGIES</b>   |   | <b>A</b> Employer identification number<br><b>56-2093339</b>  |
| Number and street (or P O box number if mail is not delivered to street address)<br><b>3320 MANOR RIDGE DRIVE</b>   |   | <b>B</b> Telephone number (see the instructions)<br><b>(919) 773-0632</b>   |
| City or town<br><b>RALEIGH</b>  | State ZIP code<br><b>NC 27603</b>   | <b>C</b> If exemption application is pending, check here <input type="checkbox"/>   |
| <b>G</b> Check all that apply <input type="checkbox"/> Initial return <input type="checkbox"/> Initial Return of a former public charity<br><input type="checkbox"/> Final return <input type="checkbox"/> Amended return<br><input type="checkbox"/> Address change <input type="checkbox"/> Name change |   | <b>D</b> 1 Foreign organizations, check here <input type="checkbox"/><br>2 Foreign organizations meeting the 85% test, check here and attach computation <input type="checkbox"/> |
| <b>H</b> Check type of organization: <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation<br><input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation  |   | <b>E</b> If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>  |
| <b>I</b> Fair market value of all assets at end of year (from Part II, column (c), line 16)<br>\$ <b>2,393,528.</b>   | <b>J</b> Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual<br><input type="checkbox"/> Other (specify) _____ | <b>F</b> If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>   |

| <b>Part I Analysis of Revenue and Expenses</b> (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions).) |   | (a) Revenue and expenses per books | (b) Net investment income | (c) Adjusted net income | (d) Disbursements for charitable purposes (cash basis only) |
|--|---|------------------------------------|---------------------------|-------------------------|---|
| <b>REVENUE</b>   | <b>1</b> Contributions, gifts, grants, etc., received (att sch)                       |                                    |                           |                         |   |
|  | <b>2</b> Ck <input checked="" type="checkbox"/> if the foundn is not req to att Sch B |                                    |                           |                         |   |
|  | <b>3</b> Interest on savings and temporary cash investments                           | 3,201.                             | 3,201.                    |                         |   |
|  | <b>4</b> Dividends and interest from securities                                       | 5,711.                             | 5,711.                    |                         |   |
|  | <b>5a</b> Gross rents   |                                    |                           |                         |   |
|  | <b>b</b> Net rental income or (loss)  |                                    |                           |                         |   |
|  | <b>6a</b> Net gain/(loss) from sale of assets not on line 10                          |                                    |                           |                         |   |
|  | <b>b</b> Gross sales price for all assets on line 6a                                  |                                    |                           |                         |   |
|  | <b>7</b> Capital gain net income (from Part IV, line 2)                               |                                    | 0.                        |                         |   |
|  | <b>8</b> Net short-term capital gain  |                                    |                           | 0.                      |   |
|  | <b>9</b> Income modifications   |                                    |                           |                         |   |
| <b>ADMINISTRATIVE AND OPERATING EXPENSES</b>   | <b>10a</b> Gross sales less returns and allowances                                    |                                    |                           |                         |   |
|  | <b>b</b> Less: Cost of goods sold   |                                    |                           |                         |   |
|  | <b>c</b> Gross profit/(loss) (att sch)  |                                    |                           |                         |   |
|  | <b>11</b> Other income (attach schedule)  |                                    |                           |                         |   |
|  | <b>12 Total.</b> Add lines 1 through 11   | 8,912.                             | 8,912.                    | 0.                      |   |
|  | <b>13</b> Compensation of officers, directors, trustees, etc                          |                                    |                           |                         |   |
|  | <b>14</b> Other employee salaries and wages   |                                    |                           |                         |   |
|  | <b>15</b> Pension plans, employee benefits  |                                    |                           |                         |   |
|  | <b>16a</b> Legal fees (attach schedule)   |                                    |                           |                         |   |
|  | <b>b</b> Accounting fees (attach sch)   | 985.                               |                           |                         |   |
|  | <b>c</b> Other prof fees (attach sch)   |                                    | 3,594.                    |                         |   |
| <b>17</b> Interest   |   |                                    |                           |                         |   |
| <b>18</b> Taxes (attach schedule)(see instrs)  |   |                                    |                           |                         |   |
| <b>19</b> Depreciation (attach sch) and depletion L-19 Stmt  | 4,852.  |                                    |                           |                         |   |
| <b>20</b> Occupancy  | 3,207.  |                                    |                           |                         |   |
| <b>21</b> Travel, conferences, and meetings  |   |                                    |                           |                         |   |
| <b>22</b> Printing and publications  |   |                                    |                           |                         |   |
| <b>23</b> Other expenses (attach schedule) See Line 23 Stmt  | 1,288.  |                                    |                           | 6,645.                  |   |
| <b>24 Total operating and administrative expenses.</b> Add lines 13 through 23   | 10,332.   | 3,594.                             |                           | 6,645.                  |   |
| <b>25</b> Contributions, gifts, grants paid  | 0.  |                                    |                           |                         |   |
| <b>26 Total expenses and disbursements.</b> Add lines 24 and 25  | 10,332.   | 3,594.                             |                           | 6,645.                  |   |
| <b>27</b> Subtract line 26 from line 12:   |   |                                    |                           |                         |   |
| <b>a Excess of revenue over expenses and disbursements</b>   | -1,420.   |                                    |                           |                         |   |
| <b>b Net investment income</b> (if negative, enter -0-)  |   | 5,318.                             |                           |                         |   |
| <b>c Adjusted net income</b> (if negative, enter -0-)  |   |                                    | 0.                        |                         |   |

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| Part II Balance Sheets   |   | Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions.) |                                     |                       |            |
|--|---|---|-------------------------------------|-----------------------|------------|
|  |   | Beginning of year   | End of year                         |                       |            |
|  |   | (a) Book Value  | (b) Book Value                      | (c) Fair Market Value |            |
| ASSETS   | 1 Cash – non-interest-bearing   | 121,198.  | 168,881.                            | 168,881.              |            |
|  | 2 Savings and temporary cash investments  | 728,918.  | 1,106,655.                          | 1,106,655.            |            |
|  | 3 Accounts receivable   |   |                                     |                       |            |
|  | Less: allowance for doubtful accounts   |   |                                     |                       |            |
|  | 4 Pledges receivable  |   |                                     |                       |            |
|  | Less: allowance for doubtful accounts   |   |                                     |                       |            |
|  | 5 Grants receivable   |   |                                     |                       |            |
|  | 6 Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions) |   |                                     |                       |            |
|  | 7 Other notes and loans receivable (attach sch)   | 350,000.  | L-7 Stmt                            |                       |            |
|  | Less: allowance for doubtful accounts   | 0.  | 160,000.                            | 350,000.              | 350,000.   |
|  | 8 Inventories for sale or use   |   |                                     |                       |            |
|  | 9 Prepaid expenses and deferred charges   |   |                                     |                       |            |
|  | 10a Investments – U.S. and state government obligations (attach schedule)   |   |                                     |                       |            |
|  | b Investments – corporate stock (attach schedule)   | L-10b Stmt  | 460,528.                            | 0.                    | 0.         |
|  | c Investments – corporate bonds (attach schedule)   | L-10c Stmt  | 47,680.                             | 0.                    | 0.         |
|  | LIABILITIES   | 11 Investments – land, buildings, and equipment: basis  |                                     |                       |            |
| Less: accumulated depreciation (attach schedule)   |   |   |                                     |                       |            |
| 12 Investments – mortgage loans  |   |   |                                     |                       |            |
| 13 Investments – other (attach schedule)   |   | L-13 Stmt   | 1,026,559.                          | 667,000.              | 728,992.   |
| 14 Land, buildings, and equipment: basis   |   | 65,447.   |                                     |                       |            |
| Less: accumulated depreciation (attach schedule)   |   | 24,077.   | 46,222.                             | 41,370.               | 39,000.    |
| 15 Other assets (describe)   |   |   |                                     |                       |            |
| 16 Total assets (to be completed by all filers – see the instructions. Also, see page 1, item I) |   |   | 2,591,105.                          | 2,333,906.            | 2,393,528. |
| 17 Accounts payable and accrued expenses   |   |   |                                     |                       |            |
| 18 Grants payable  |   |   |                                     |                       |            |
| 19 Deferred revenue  |   |   |                                     |                       |            |
| 20 Loans from officers, directors, trustees, & other disqualified persons                        |   |   |                                     |                       |            |
| 21 Mortgages and other notes payable (attach schedule)   |   |   |                                     |                       |            |
| 22 Other liabilities (describe)  |   |   |                                     |                       |            |
| 23 Total liabilities (add lines 17 through 22)   |   |   |                                     |                       |            |
| FUNDS  | Foundations that follow SFAS 117, check here and complete lines 24 through 26 and lines 30 and 31.                        |   | <input checked="" type="checkbox"/> |                       |            |
|  | 24 Unrestricted   |   | 2,591,105.                          | 2,333,906.            |            |
|  | 25 Temporarily restricted   |   |                                     |                       |            |
|  | 26 Permanently restricted   |   |                                     |                       |            |
|  | Foundations that do not follow SFAS 117, check here and complete lines 27 through 31.                                     |   | <input type="checkbox"/>            |                       |            |
|  | 27 Capital stock, trust principal, or current funds   |   |                                     |                       |            |
|  | 28 Paid-in or capital surplus, or land, building, and equipment fund  |   |                                     |                       |            |
|  | 29 Retained earnings, accumulated income, endowment, or other funds   |   |                                     |                       |            |
|  | 30 Total net assets or fund balances (see instructions)   |   | 2,591,105.                          | 2,333,906.            |            |
|  | 31 Total liabilities and net assets/fund balances (see instructions)  |   | 2,591,105.                          | 2,333,906.            |            |

## 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 | 2,591,105. |
| 2 Enter amount from Part I, line 27a   | 2 | -1,420.    |
| 3 Other increases not included in line 2 (itemize)   | 3 |            |
| 4 Add lines 1, 2, and 3  | 4 | 2,589,685. |
| 5 Decreases not included in line 2 (itemize) See Other Decreases Stmt  | 5 | 255,779.   |
| 6 Total net assets or fund balances at end of year (line 4 minus line 5) – Part II, column (b), line 30  | 6 | 2,333,906. |

**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 shares MLC Company) |  | (b) How acquired<br>P — Purchase<br>D — Donation | (c) Date acquired<br>(month, day, year) | (d) Date sold<br>(month, day, year) |
|--|--|--|---|-------------------------------------|
| <b>1 a PUBLIC TRADED SECURITIES (TD AMERITRADE)</b>  |  | P  | various                                 | various                             |
| <b>b PUBLIC TRADED SECURITIES ( TD-DHGWA ACCOUNT)</b>  |  | P  | various                                 | various                             |
| <b>c PUBLIC TRADED SECURITIES (TD-DHGWA)</b>   |  | P  | various                                 | various                             |
| <b>d PUBLIC TRADED SECURITIES ( BERTHEL FISHER)</b>  |  | P  | various                                 | various                             |
| <b>e</b>   |  |  |   |                                     |

| (e) Gross sales price | (f) Depreciation allowed<br>(or allowable) | (g) Cost or other basis<br>plus expense of sale | (h) Gain or (loss)<br>(e) plus (f) minus (g) |
|-----------------------|--|---|--|
| <b>a</b> 258,636.     |  | 257,652.  | 984.   |
| <b>b</b> 556,517.     |  | 565,600.  | -9,083.                                      |
| <b>c</b> 462,403.     |  | 679,790.  | -217,387.                                    |
| <b>d</b> 138,468.     |  | 202,127.  | -63,659.                                     |
| <b>e</b>              |  |   |  |

| Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69 |                                      |   | (i) Gains (Column (h)<br>gain minus column (k), but not less<br>than -0-) or Losses (from column (h)) |
|---|--------------------------------------|---|---|
| (i) Fair Market Value<br>as of 12/31/69   | (j) Adjusted basis<br>as of 12/31/69 | (k) Excess of column (i)<br>over column (j), if any |   |
| <b>a</b> 0.   | 0.                                   | 0.  | 984.  |
| <b>b</b>  |                                      |   | -9,083.   |
| <b>c</b>  |                                      |   | -217,387.   |
| <b>d</b>  |                                      |   | -63,659.  |
| <b>e</b>  |                                      |   |   |

|  |   |          |           |
|--|---|----------|-----------|
| <b>2</b> Capital gain net income or (net capital loss)   | — [ If gain, also enter in Part I, line 7<br>If (loss), enter -0- in Part I, line 7 ] | <b>2</b> | -289,145. |
| <b>3</b> Net short-term capital gain or (loss) as defined in sections 1222(5) and (6):<br>If gain, also enter in Part I, line 8, column (c) (see instructions) If (loss), enter -0-<br>in Part I, line 8 | — [ ]   | <b>3</b> | -289,145. |

**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.

| <b>1</b> Enter the appropriate amount in each column for each year, see the instructions before making any entries |                                       |  |  |
|--|---------------------------------------|--|--|
| (a) Base period years<br>Calendar year (or tax year<br>beginning in)   | (b) Adjusted qualifying distributions | (c) Net value of<br>noncharitable-use assets | (d) Distribution ratio<br>(column (b) divided by column (c)) |
| 2011   | 28,913.                               | 2,190,205.                                   | 0.013201   |
| 2010   | 0.                                    | 1,680,032.                                   | 0.000000   |
| 2009   | 0.                                    | 1,836,530.                                   | 0.000000   |
| 2008   |                                       |  |  |
| 2007   |                                       |  |  |

|   |          |            |
|---|----------|------------|
| <b>2</b> Total of line 1, column (d)  | <b>2</b> | 0.013201   |
| <b>3</b> 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 | <b>3</b> | 0.004400   |
| <b>4</b> Enter the net value of noncharitable-use assets for 2012 from Part X, line 5   | <b>4</b> | 1,944,543. |
| <b>5</b> Multiply line 4 by line 3  | <b>5</b> | 8,556.     |
| <b>6</b> Enter 1% of net investment income (1% of Part I, line 27b)   | <b>6</b> | 53.        |
| <b>7</b> Add lines 5 and 6  | <b>7</b> | 8,609.     |
| <b>8</b> Enter qualifying distributions from Part XII, line 4   | <b>8</b> | 6,645.     |

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.

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

|   |     |      |                 |
|---|-----|------|-----------------|
| 1 a Exempt operating foundations described in section 4940(d)(2), check here <input type="checkbox"/> and enter 'N/A' on line 1<br>Date of ruling or determination letter _____ (attach copy of letter if necessary – see instrs) |     |      |                 |
| b Domestic foundations that meet the section 4940(e) requirements in Part V, check here <input type="checkbox"/> and enter 1% of Part I, line 27b   |     | 1    | 106.            |
| c All other domestic foundations enter 2% of line 27b Exempt foreign organizations enter 4% of Part I, line 12, column (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    | 106.            |
| 4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only Others enter -0-)  |     | 4    | 0.              |
| 5 <b>Tax based on investment income.</b> Subtract line 4 from line 3. If zero or less, enter -0-  |     | 5    | 106.            |
| 6 Credits/Payments:   |     |      |                 |
| a 2012 estimated tax pmts and 2011 overpayment credited to 2012   | 6 a | 333. |                 |
| b Exempt foreign organizations – tax withheld at source   | 6 b |      |                 |
| c Tax paid with application for extension of time to file (Form 8868)   | 6 c |      |                 |
| d Backup withholding erroneously withheld   | 6 d |      |                 |
| 7 Total credits and payments Add lines 6a through 6d  | 7   | 333. |                 |
| 8 Enter any <b>penalty</b> for underpayment of estimated tax. Check here <input type="checkbox"/> if Form 2220 is attached  | 8   |      |                 |
| 9 <b>Tax due.</b> If the total of lines 5 and 8 is more than line 7, enter <b>amount owed</b>   | 9   |      |                 |
| 10 <b>Overpayment</b> If line 7 is more than the total of lines 5 and 8, enter the <b>amount overpaid</b>   | 10  | 227. |                 |
| 11 Enter the amount of line 10 to be <b>Credited to 2013 estimated tax</b>  | 11  | 227. | <b>Refunded</b> |

**Part VII-A Statements Regarding Activities**

|   | Yes | No |
|---|-----|----|
| 1 a 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 the instructions for definition)?<br><i>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</i> |     | X  |
| c Did the foundation file <b>Form 1120-POL</b> for this year?   | NA  |    |
| d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year:<br>(1) On the foundation ▶ \$ _____ (2) On foundation managers ▶ \$ _____  |     |    |
| e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers ▶ \$ _____   |     |    |
| 2 Has the foundation engaged in any activities that have not previously been reported to the IRS?<br><i>If 'Yes,' attach a detailed description of the activities</i>   |     | 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? <i>If 'Yes,' attach a conformed copy of the changes</i>   |     | X  |
| 4 a Did the foundation have unrelated business gross income of \$1,000 or more during the year?   |     | X  |
| b If 'Yes,' has it filed a tax return on <b>Form 990-T</b> for this year?   |     |    |
| 5 Was there a liquidation, termination, dissolution, or substantial contraction during the year?<br><i>If 'Yes,' attach the statement required by General Instruction T</i>   |     | X  |
| 6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either:<br>• By language in the governing instrument, or<br>• 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?                | NA  |    |
| 7 Did the foundation have at least \$5,000 in assets at any time during the year? <i>If 'Yes,' complete Part II, column (c), and Part XV</i>  | X   |    |
| 8 a Enter the states to which the foundation reports or with which it is registered (see instructions) ▶<br><u>NC – North Carolina</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 <i>General Instruction G</i> ? <i>If 'No,' attach explanation</i>  |     | 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 2012 or the taxable year beginning in 2012 (see instructions for Part XIV)? <i>If 'Yes,' complete Part XIV</i>   |     | X  |
| 10 Did any persons become substantial contributors during the tax year? <i>If 'Yes,' attach a schedule listing their names and addresses</i>  |     | X  |

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**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 make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If 'Yes,' attach statement (see instructions)                                  | 12 |   | X |
| 13  | Did the foundation comply with the public inspection requirements for its annual returns and exemption application?<br>Website address <u>www.airpruning.org</u>  | 13 | X |   |
| 14  | The books are in care of <u>Lindy Huang</u> Telephone no <u>(919) 773-0632</u><br>Located at <u>3320 Manor Ridge Dr.</u> <u>Raleigh</u> <u>NC</u> ZIP + 4 <u>27603</u>  |    |   |   |
| 15  | Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here <input type="checkbox"/><br>and enter the amount of tax-exempt interest received or accrued during the year <u>15</u> |    |   |   |
| 16  | At any time during calendar year 2012, 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?                                 | 16 |   | X |
| See 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 |
|-----|---|-----|----|
| 1 a | 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |     |    |
| (2) | Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |     |    |
| (3) | Furnish goods, services, or facilities to (or accept them from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |     |    |
| (4) | Pay compensation to, or pay or reimburse the expenses of, a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 instructions)? Organizations relying on a current notice regarding disaster assistance check here <input type="checkbox"/>  | 1 b | 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 2012?   | 1 c | 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 2012, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2012? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If 'Yes,' list the years <u>20</u> , <u>20</u> , <u>20</u> , <u>20</u>   |     |    |
| b   | Are there any years listed in 2a for which the foundation is <b>not</b> 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)   | 2 b | X  |
| c   | If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here <u>20</u> , <u>20</u> , <u>20</u> , <u>20</u>   |     |    |
| 3 a | Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |     |    |
| b   | If 'Yes,' did it have excess business holdings in 2012 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 2012.) | 3 b |    |
| 4 a | Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?   | 4 a | 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 2012?   | 4 b | X  |

BAA

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**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)? (see instructions)

☐ 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)?

5 b

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

6 b

If 'Yes' to 6b, file Form 8870

X

**7a** At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?☐ Yes ☒ No

7 b

**b** If 'Yes,' did the foundation receive any proceeds or have any net income attributable to the transaction?**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 (see instructions).

| (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 |
|--|---|---|---|---------------------------------------|
| Lindy Huang<br>3332 MANOR RIDGE DR.<br>RALEIGH NC 27603      | Treasurer/Sec<br>1.00                                     | 0.  | 0.  | 0.                                    |
| Ulric Huang<br>3320 Manor Ridge Dr.<br>Raleigh NC 27603      | Director<br>0.50  | 0.  | 0.  | 0.                                    |
| Lucas Huang<br>10434 Waterfowl Terrace,<br>Columbia MD 21044 | President<br>0.50   | 0.  | 0.  | 0.                                    |
| See Information about Officers, Directors, Trustees, Etc.    |   | 0.  | 0.  | 0.                                    |

**2** Compensation of five highest-paid employees (other than those included on line 1 — see instructions). 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

None

**Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors** (continued)**3 Five highest-paid independent contractors for professional services (see instructions). If none, enter 'NONE.'**

| (a) Name and address of each person paid more than \$50,000              | (b) Type of service | (c) Compensation |
|--|---------------------|------------------|
| NONE   |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
|  |                     |                  |
| Total number of others receiving over \$50,000 for professional services |                     | None             |

**Part IX-A Summary of Direct Charitable Activities**

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.

|   | Expenses |
|---|----------|
| 1 |          |
| 2 |          |
| 3 |          |
| 4 |          |

**Part IX-B Summary of Program-Related Investments** (see instructions)

| Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2 | Amount |
|--|--------|
| 1  |        |
| 2  |        |
| All other program-related investments. See instructions  |        |
| 3  |        |
| Total. Add lines 1 through 3   |        |

BAA

Form 990-PF (2012)



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

|  |           |            |
|--|-----------|------------|
| <b>1</b> Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes: |           |            |
| <b>a</b> Average monthly fair market value of securities   | <b>1a</b> | 1,974,155. |
| <b>b</b> Average of monthly cash balances  | <b>1b</b> | 112,644.   |
| <b>c</b> Fair market value of all other assets (see instructions)  | <b>1c</b> |            |
| <b>d</b> Total (add lines 1a, b, and c)  | <b>1d</b> | 2,086,799. |
| <b>e</b> Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)   | <b>1e</b> |            |
| <b>2</b> Acquisition indebtedness applicable to line 1 assets  | <b>2</b>  |            |
| <b>3</b> Subtract line 2 from line 1d  | <b>3</b>  | 2,086,799. |
| <b>4</b> Cash deemed held for charitable activities. Enter 1-1/2% of line 3 (for greater amount, see instructions)   | <b>4</b>  | 31,302.    |
| <b>5</b> Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4        | <b>5</b>  | 2,055,497. |
| <b>6</b> Minimum investment return. Enter 5% of line 5   | <b>6</b>  | 102,775.   |

**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.)

|   |           |          |
|---|-----------|----------|
| <b>1</b> Minimum investment return from Part X, line 6  | <b>1</b>  | 102,775. |
| <b>2a</b> Tax on investment income for 2012 from Part VI, line 5  | <b>2a</b> | 106.     |
| <b>b</b> Income tax for 2012 (This does not include the tax from Part VI.)                                  | <b>2b</b> |          |
| <b>c</b> Add lines 2a and 2b  | <b>2c</b> | 106.     |
| <b>3</b> Distributable amount before adjustments. Subtract line 2c from line 1                              | <b>3</b>  | 102,669. |
| <b>4</b> Recoveries of amounts treated as qualifying distributions  | <b>4</b>  |          |
| <b>5</b> Add lines 3 and 4  | <b>5</b>  | 102,669. |
| <b>6</b> Deduction from distributable amount (see instructions)   | <b>6</b>  |          |
| <b>7</b> Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1 | <b>7</b>  | 102,669. |

**Part XII Qualifying Distributions** (see instructions)

|   |           |        |
|---|-----------|--------|
| <b>1</b> Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:   |           |        |
| <b>a</b> Expenses, contributions, gifts, etc. — total from Part I, column (d), line 26  | <b>1a</b> | 6,645. |
| <b>b</b> Program-related investments — total from Part IX-B   | <b>1b</b> |        |
| <b>2</b> Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes  | <b>2</b>  |        |
| <b>3</b> Amounts set aside for specific charitable projects that satisfy the:   |           |        |
| <b>a</b> Suitability test (prior IRS approval required)   | <b>3a</b> |        |
| <b>b</b> Cash distribution test (attach the required schedule)  | <b>3b</b> |        |
| <b>4</b> Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4   | <b>4</b>  | 6,645. |
| <b>5</b> Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b (see instructions) | <b>5</b>  | 0.     |
| <b>6</b> Adjusted qualifying distributions. Subtract line 5 from line 4   | <b>6</b>  | 6,645. |

**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)<br>Corpus | (b)<br>Years prior to 2011 | (c)<br>2011 | (d)<br>2012 |
|---|---------------|----------------------------|-------------|-------------|
| <b>1</b> Distributable amount for 2012 from Part XI, line 7   |               |                            |             | 102,669.    |
| <b>2</b> Undistributed income, if any, as of the end of 2012  |               |                            |             |             |
| <b>a</b> Enter amount for 2011 only   |               |                            |             |             |
| <b>b</b> Total for prior years 20 09, 20 10, 20   |               | 22,968.                    |             |             |
| <b>3</b> Excess distributions carryover, if any, to 2012:   |               |                            |             |             |
| <b>a</b> From 2007  | 0.            |                            |             |             |
| <b>b</b> From 2008  | 0.            |                            |             |             |
| <b>c</b> From 2009  | 0.            |                            |             |             |
| <b>d</b> From 2010  | 0.            |                            |             |             |
| <b>e</b> From 2011  | 6,656.        |                            |             |             |
| <b>f</b> Total of lines 3a through e  | 6,656.        |                            |             |             |
| <b>4</b> Qualifying distributions for 2012 from Part XII, line 4: \$ 6,645.   |               |                            |             |             |
| <b>a</b> Applied to 2011, but not more than line 2a   |               |                            |             |             |
| <b>b</b> Applied to undistributed income of prior years (Election required — see instructions)  |               | 6,645.                     |             |             |
| <b>c</b> Treated as distributions out of corpus (Election required — see instructions)  |               |                            |             |             |
| <b>d</b> Applied to 2012 distributable amount   |               |                            |             |             |
| <b>e</b> Remaining amount distributed out of corpus   | 0.            |                            |             |             |
| <b>5</b> Excess distributions carryover applied to 2012 (If an amount appears in column (d), the same amount must be shown in column (a))   |               |                            |             |             |
| <b>6</b> Enter the net total of each column as indicated below:   |               |                            |             |             |
| <b>a</b> Corpus. Add lines 3f, 4c, and 4e. Subtract line 5  | 6,656.        |                            |             |             |
| <b>b</b> Prior years' undistributed income. Subtract line 4b from line 2b   |               | 16,323.                    |             |             |
| <b>c</b> 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 |               |                            |             |             |
| <b>d</b> Subtract line 6c from line 6b. Taxable amount — see instructions   |               | 16,323.                    |             |             |
| <b>e</b> Undistributed income for 2011. Subtract line 4a from line 2a. Taxable amount — see instructions  |               |                            | 0.          |             |
| <b>f</b> Undistributed income for 2012. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2013  |               |                            |             | 102,669.    |
| <b>7</b> Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (see instructions)                                  |               |                            |             |             |
| <b>8</b> Excess distributions carryover from 2007 not applied on line 5 or line 7 (see instructions)  | 0.            |                            |             |             |
| <b>9</b> Excess distributions carryover to 2013. Subtract lines 7 and 8 from line 6a  | 6,656.        |                            |             |             |
| <b>10</b> Analysis of line 9:   |               |                            |             |             |
| <b>a</b> Excess from 2008   | 0.            |                            |             |             |
| <b>b</b> Excess from 2009   | 0.            |                            |             |             |
| <b>c</b> Excess from 2010   | 0.            |                            |             |             |
| <b>d</b> Excess from 2011   | 6,656.        |                            |             |             |
| <b>e</b> Excess from 2012   | 0.            |                            |             |             |



**Part XV** Supplementary Information (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

| Recipient<br>Name and address (home or business)  | If recipient is an individual,<br>show any relationship to any<br>foundation manager or<br>substantial contributor | Foundation<br>status of<br>recipient | Purpose of grant or<br>contribution | Amount |
|---|--|--------------------------------------|-------------------------------------|--------|
| <b>a Paid during the year</b><br>None<br>NA<br>NA |  | NA                                   | NA                                  | 0.     |
| <b>Total</b>                                      |  |                                      | <b>3 a</b>                          | 0.     |
| <b>b Approved for future payment</b>              |  |                                      |                                     |        |
| <b>Total</b>                                      |  |                                      | <b>3 b</b>                          |        |





**Form 990-PF Part II,  
Lines 6 and 7**

**Receivables**

**2012**

|   |   |
|---|---|
| Name<br><b>AIR-PRUNING TECHNOLOGIES</b> | Employer Identification Number<br><b>56-2093339</b> |
|---|---|

**Lender Information**

|  |   |
|--|---|
| Loan Receivable Type <u>3</u>  |   |
| Borrower's Name <u>GWP</u>   | Borrower's Title <u>NA</u>  |
| Check Box, if Borrower is a Business <input checked="" type="checkbox"/> | Relationship of Borrower (other loans only) <u>Related Person</u>       |
| Repayment Terms <u>interest only until principal pay up</u>              | Borrower's Security <u>NA</u>   |
| Purpose of Loan <u>spread bank deposit FDIC limited risk</u>             | Description of Consideration <u>cash</u>                                |
| Original Amount <u>400,000.</u>  | Beginning Year Balance <u>100,000.</u> Year End Balance <u>100,000.</u> |
| FMV of at Year End <u>100,000.</u>                                       | FMV of Consideration <u>100,000.</u>                                    |
| Allowance for Doubtful Accounts (other loans only) <u>0.</u>             |   |
| Date of Note <u>01/01/11</u>   | Maturity Date <u>until pay up</u> Interest Rate <u>1.50</u>             |
| Loan Receivable Type <u>3</u>  |   |
| Borrower's Name <u>600 Creekside &amp; GWP</u>                           | Borrower's Title <u>NA</u>  |
| Check Box, if Borrower is a Business <input checked="" type="checkbox"/> | Relationship of Borrower (other loans only) <u>Related person</u>       |
| Repayment Terms <u>interest only until principal pay up</u>              | Borrower's Security <u>NA</u>   |
| Purpose of Loan <u>collection of above market rate interest inc</u>      | Description of Consideration <u>cash</u>                                |
| Original Amount <u>120,000.</u>  | Beginning Year Balance <u>50,000.</u> Year End Balance <u>50,000.</u>   |
| FMV of at Year End <u>50,000.</u>  | FMV of Consideration <u>50,000.</u>                                     |
| Allowance for Doubtful Accounts (other loans only) <u>0.</u>             |   |
| Date of Note <u>12/15/10</u>   | Maturity Date <u>until pay up</u> Interest Rate <u>1.50</u>             |
| Loan Receivable Type <u>3</u>  |   |
| Borrower's Name <u>Parkwood Associates</u>                               | Borrower's Title <u>NA</u>  |
| Check Box, if Borrower is a Business <input checked="" type="checkbox"/> | Relationship of Borrower (other loans only) <u>Related Person</u>       |
| Repayment Terms <u>Interest Only</u>                                     | Borrower's Security <u>none</u>   |
| Purpose of Loan <u>collect above market rate interest</u>                | Description of Consideration <u>cash</u>                                |
| Original Amount <u>0.</u>  | Beginning Year Balance <u>0.</u> Year End Balance <u>200,000.</u>       |
| FMV of at Year End <u>200,000.</u>                                       | FMV of Consideration <u>200,000.</u>                                    |
| Allowance for Doubtful Accounts (other loans only) <u>0.</u>             |   |
| Date of Note <u>06/01/12</u>   | Maturity Date <u>until pay up</u> Interest Rate <u>1.50</u>             |
| Loan Receivable Type _____   |   |
| Borrower's Name _____  | Borrower's Title _____  |
| Check Box, if Borrower is a Business <input type="checkbox"/>            | Relationship of Borrower (other loans only) _____                       |
| Repayment Terms _____  | Borrower's Security _____   |
| Purpose of Loan _____  | Description of Consideration _____                                      |
| Original Amount _____  | Beginning Year Balance _____ Year End Balance _____                     |
| FMV of at Year End _____   | FMV of Consideration _____  |
| Allowance for Doubtful Accounts (other loans only) _____                 |   |
| Date of Note _____   | Maturity Date _____ Interest Rate _____                                 |

Form 990-PF, Page 1, Part I, Line 23

**Line 23 Stmt**

| Other expenses:         | Rev/Exp Book | Net Inv Inc | Adj Net Inc | Charity Disb |
|-------------------------|--------------|-------------|-------------|--------------|
| Telephone Expense       | 523.         |             |             |              |
| Office Utilities        | 735.         |             |             |              |
| Bank Charges            | 30.          |             |             |              |
| Material/supplies/Labor |              |             |             | 4,939.       |
| Equipment Repair        |              |             |             | 1,706.       |
| Total                   | 1,288.       |             |             | 6,645.       |

Form 990-PF, Page 2, Part III, Line 5

**Other Decreases Stmt**

|                                  |          |
|----------------------------------|----------|
| 2011 Excise tax paid             | 450.     |
| Realized Capital Loss adjustment | 255,329. |
| Total                            | 255,779. |

Form 990-PF, Page 6, Part VIII, Line 1

**Information about Officers, Directors, Trustees, Etc.**

| (a)<br>Name and address   | (b)<br>Title, and<br>average hours<br>per week<br>devoted to<br>position | (c)<br>Compensation<br>(If not paid,<br>enter -0-) | (d)<br>Contributions<br>to employee<br>benefit plans<br>and deferred<br>compensation | (e)<br>Expense<br>account, other<br>allowances |
|---|--|--|--|--|
| Person <input checked="" type="checkbox"/> Business <input type="checkbox"/><br>Rosa Huang<br>Fugger Trant 6<br>Antwerten, BE                 | Director<br>0.50   | 0.   | 0.   | 0.   |
| Person <input checked="" type="checkbox"/> Business <input type="checkbox"/><br>Johanna Fount<br>10434 Waterfowl Terrace<br>Columbia MD 21044 | Director<br>0.20   | 0.   | 0.   | 0.   |

Total

0. 0. 0.

Form 990-PF, Line 19

**Allocated Depreciation**

| Description            | Date<br>Acquire | Cost or<br>Basis | Prior Yr.<br>Depr | Mthd  | Life  | Current<br>Depr | Net<br>Invest<br>Income | Adjusted<br>Net<br>Income |
|------------------------|-----------------|------------------|-------------------|-------|-------|-----------------|-------------------------|---------------------------|
| Grading, paving & Land | 09/18/11        | 19000            | 950               | 150DB | 15.00 | 1805            |                         |                           |
| Lawn Equipment         | 06/01/11        | 1447             | 207               | 200DB | 7.00  | 354             |                         |                           |
| Wells/Land Improvement | 07/01/07        | 45000            | 18068             | 150DB | 15.00 | 2693            |                         |                           |

Total



Form 990-PF, Page 2, Part II, Line 10b

**L-10b Stmt**

| Line 10b - Investments - Corporate Stock:                  | End of Year |                   |
|--|-------------|-------------------|
|  | Book Value  | Fair Market Value |
| 6000 SHARES OF ANTHRACITE CAP INC.REIT, COMMON             | 0.          | 0.                |
| 1333 SHARES CDC CORPORATION CLASS A                        | 0.          | 0.                |
| 500 SHARES, COMMON STOCK OF CITIGROUP (REVERSE SPLIT 1:10) | 0.          | 0.                |
| 525 CONSOL ENERGY  | 0.          | 0.                |
| 5000 SHARES COLDWATER CREEK INC.                           | 0.          | 0.                |
| 500 SHARES CREE INC., COMMON                               | 0.          | 0.                |
| 4446 SHARES CSR PLC  | 0.          | 0.                |
| 2000 SHARES ECHELON CORP                                   | 0.          | 0.                |
| 1000 SHARES FERRELL GAS PROPERTIES LTD PARTNERSHIP         | 0.          | 0.                |
| 1000 SHARES GOODYEAR TIRE & RUBBER                         | 0.          | 0.                |
| 10000 SHARES RF MICRO DEVICES                              | 0.          | 0.                |
| 3000 SHARES STAR BULK CARRIERS CORP                        | 0.          | 0.                |
| 2250 SHARES US NATURAL GAS FUND LP (REVERSE SPLIT 1:2)     | 0.          | 0.                |
| 1000 USG   | 0.          | 0.                |
| 315 FREEPORT MCMORAN COPPER & GOLD INC                     | 0.          | 0.                |
| 1046 LDK SOLAR ADR   | 0.          | 0.                |
| Total  | 0.          | 0.                |

Form 990-PF, Page 2, Part II, Line 10c

**L-10c Stmt**

| Line 10c - Investments - Corporate Bonds: | End of Year |                   |
|---|-------------|-------------------|
|   | Book Value  | Fair Market Value |
| MORGAN STANLEY SENIOR NOTES DUE 7/31/2029 | 0.          | 0.                |
| BANK OF MONTREAL MTN 9.0% 2/29/2012       | 0.          | 0.                |
| Total                                     | 0.          | 0.                |

Form 990-PF, Page 2, Part II, Line 13

**L-13 Stmt**

| Line 13 - Investments - Other:                                      | End of Year |                   |
|---|-------------|-------------------|
|   | Book Value  | Fair Market Value |
| 13046.13 SH of FIDELITY ABERDEEN STR ADVISOR FREEDOM 2015 FUND CL C | 0.          | 0.                |
| 2525 ADVISOR DISCIPLINED TR UNIT 713 HIGH 50                        | 0.          | 0.                |
| 876.295 SH of OPPENHEIMER GLOBAL FUND CL C                          | 0.          | 0.                |
| 14127.20 GABELLI EQUITY TRUST FUND                                  | 0.          | 0.                |
| TRANSAMERICA LIFE INSURANCE COMPANY                                 | 116,000.    | 121,157.          |
| JOHN HANCOCK VENTURE III ANNUITY                                    | 0.          | 0.                |
| JACKSON NATIONAL LIFE INSURANCE ANNUITY                             | 331,000.    | 378,763.          |
| PACIFIC LIFE INSURANCE ANNUITY                                      | 220,000.    | 229,072.          |
| Total   | 667,000.    | 728,992.          |

**Depreciation and Amortization**  
**(Including Information on Listed Property)**

▶ See separate instructions. ▶ Attach to your tax return.

OMB No 1545-0172

**2012**Attachment  
Sequence No **179**

Name(s) shown on return

**AIR-PRUNING TECHNOLOGIES**

Business or activity to which this form relates

Identifying number

**56-2093339**

Form 990-PF page 1

**Part I Election To Expense Certain Property Under Section 179****Note:** If you have any listed property, complete Part V before you complete Part I

|    |  |                              |                  |
|----|--|------------------------------|------------------|
| 1  | Maximum amount (see instructions)  | 1                            |                  |
| 2  | Total cost of section 179 property placed in service (see instructions)  | 2                            |                  |
| 3  | Threshold cost of section 179 property before reduction in limitation (see instructions)   | 3                            |                  |
| 4  | Reduction in limitation Subtract line 3 from line 2. If zero or less, enter -0-  | 4                            |                  |
| 5  | Dollar limitation for tax year Subtract line 4 from line 1. If zero or less, enter -0-. If married filing separately, see instructions | 5                            |                  |
| 6  | (a) Description of property  | (b) Cost (business use only) | (c) Elected cost |
| 7  | Listed property Enter the amount from line 29  | 7                            |                  |
| 8  | Total elected cost of section 179 property Add amounts in column (c), lines 6 and 7  | 8                            |                  |
| 9  | Tentative deduction Enter the smaller of line 5 or line 8  | 9                            |                  |
| 10 | Carryover of disallowed deduction from line 13 of your 2011 Form 4562  | 10                           |                  |
| 11 | Business income limitation Enter the smaller of business income (not less than zero) or line 5 (see instrs)                            | 11                           |                  |
| 12 | Section 179 expense deduction Add lines 9 and 10, but do not enter more than line 11   | 12                           |                  |
| 13 | Carryover of disallowed deduction to 2013 Add lines 9 and 10, less line 12   | 13                           |                  |

**Note:** Do not use Part II or Part III below for listed property. Instead, use Part V**Part II Special Depreciation Allowance and Other Depreciation (Do not include listed property) (See instructions)**

|    |   |    |  |
|----|---|----|--|
| 14 | Special depreciation allowance for qualified property (other than listed property) placed in service during the tax year (see instructions) | 14 |  |
| 15 | Property subject to section 168(f)(1) election  | 15 |  |
| 16 | Other depreciation (including ACRS)   | 16 |  |

**Part III MACRS Depreciation (Do not include listed property) (See instructions)****Section A**

|    |  |    |        |
|----|--|----|--------|
| 17 | MACRS deductions for assets placed in service in tax years beginning before 2012   | 17 | 4,852. |
| 18 | If you are electing to group any assets placed in service during the tax year into one or more general asset accounts, check here <input type="checkbox"/> |    |        |

**Section B – Assets Placed in Service During 2012 Tax Year Using the General Depreciation System**

| (a)<br>Classification of property | (b)<br>Month and year placed in service | (c)<br>Basis for depreciation (business/investment use only — see instructions) | (d)<br>Recovery period | (e)<br>Convention | (f)<br>Method | (g)<br>Depreciation deduction |
|-----------------------------------|---|---|------------------------|-------------------|---------------|-------------------------------|
| 19 a 3-year property              |   |   |                        |                   |               |                               |
| b 5-year property                 |   |   |                        |                   |               |                               |
| c 7-year property                 |   |   |                        |                   |               |                               |
| d 10-year property                |   |   |                        |                   |               |                               |
| e 15-year property                |   |   |                        |                   |               |                               |
| f 20-year property                |   |   |                        |                   |               |                               |
| g 25-year property                |   |   | 25 yrs                 |                   | S/L           |                               |
| h Residential rental property     |   |   | 27.5 yrs               | MM                | S/L           |                               |
| i Nonresidential real property    |   |   | 27.5 yrs               | MM                | S/L           |                               |
|                                   |   |   | 39 yrs                 | MM                | S/L           |                               |
|                                   |   |   |                        | MM                | S/L           |                               |

**Section C – Assets Placed in Service During 2012 Tax Year Using the Alternative Depreciation System**

|                 |  |  |        |    |     |  |
|-----------------|--|--|--------|----|-----|--|
| 20 a Class life |  |  |        |    | S/L |  |
| b 12-year       |  |  | 12 yrs |    | S/L |  |
| c 40-year       |  |  | 40 yrs | MM | S/L |  |

**Part IV Summary (See instructions)**

|    |   |    |        |
|----|---|----|--------|
| 21 | Listed property Enter amount from line 28   | 21 |        |
| 22 | Total Add amounts from line 12, lines 14 through 17, lines 19 and 20 in column (g), and line 21. Enter here and on the appropriate lines of your return. Partnerships and S corporations — see instructions | 22 | 4,852. |
| 23 | For assets shown above and placed in service during the current year, enter the portion of the basis attributable to section 263A costs   | 23 |        |

**Part V Listed Property** (Include automobiles, certain other vehicles, certain computers, and property used for entertainment, recreation, or amusement)

**Note:** For any vehicle for which you are using the standard mileage rate or deducting lease expense, complete **only** 24a, 24b, columns (a) through (c) of Section A, all of Section B, and Section C if applicable

**Section A – Depreciation and Other Information (Caution: See the instructions for limits for passenger automobiles)**

**24 a** Do you have evidence to support the business/investment use claimed? ☐ Yes ☐ No **24b** If 'Yes,' is the evidence written? ☐ Yes ☐ No

| (a)<br>Type of property<br>(list vehicles first)   | (b)<br>Date placed<br>in service | (c)<br>Business/<br>investment<br>use<br>percentage | (d)<br>Cost or<br>other basis | (e)<br>Basis for depreciation<br>(business/investment<br>use only) | (f)<br>Recovery<br>period | (g)<br>Method/<br>Convention | (h)<br>Depreciation<br>deduction | (i)<br>Elected<br>section 179<br>cost |
|--|----------------------------------|---|-------------------------------|--|---------------------------|------------------------------|----------------------------------|---------------------------------------|
| <b>25</b> Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use (see instructions) |                                  |   |                               |  |                           |                              | <b>25</b>                        |                                       |
| <b>26</b> Property used more than 50% in a qualified business use:   |                                  |   |                               |  |                           |                              |                                  |                                       |
|  |                                  |   |                               |  |                           |                              |                                  |                                       |
|  |                                  |   |                               |  |                           |                              |                                  |                                       |
| <b>27</b> Property used 50% or less in a qualified business use:   |                                  |   |                               |  |                           |                              |                                  |                                       |
|  |                                  |   |                               |  |                           |                              |                                  |                                       |
|  |                                  |   |                               |  |                           |                              |                                  |                                       |
| <b>28</b> Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1  |                                  |   |                               |  |                           |                              | <b>28</b>                        |                                       |
| <b>29</b> Add amounts in column (i), line 26. Enter here and on line 7, page 1   |                                  |   |                               |  |                           |                              | <b>29</b>                        |                                       |

**Section B – Information on Use of Vehicles**

Complete this section for vehicles used by a sole proprietor, partner, or other 'more than 5% owner,' or related person. If you provided vehicles to your employees, first answer the questions in Section C to see if you meet an exception to completing this section for those vehicles.

|   | (a)<br>Vehicle 1 |    | (b)<br>Vehicle 2 |    | (c)<br>Vehicle 3 |    | (d)<br>Vehicle 4 |    | (e)<br>Vehicle 5 |    | (f)<br>Vehicle 6 |    |
|---|------------------|----|------------------|----|------------------|----|------------------|----|------------------|----|------------------|----|
| <b>30</b> Total business/investment miles driven during the year (do not include commuting miles) |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |
| <b>31</b> Total commuting miles driven during the year  |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |
| <b>32</b> Total other personal (noncommuting) miles driven  |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |
| <b>33</b> Total miles driven during the year. Add lines 30 through 32                             |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |
|   | Yes              | No | Yes              | No | Yes              | No | Yes              | No | Yes              | No | Yes              | No |
| <b>34</b> Was the vehicle available for personal use during off-duty hours?                       |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |
| <b>35</b> Was the vehicle used primarily by a more than 5% owner or related person?               |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |
| <b>36</b> Is another vehicle available for personal use?  |                  |    |                  |    |                  |    |                  |    |                  |    |                  |    |

**Section C – Questions for Employers Who Provide Vehicles for Use by Their Employees**

Answer these questions to determine if you meet an exception to completing Section B for vehicles used by employees who are not more than 5% owners or related persons (see instructions).

|  | Yes | No |
|--|-----|----|
| <b>37</b> Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees?  |     |    |
| <b>38</b> Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners.  |     |    |
| <b>39</b> Do you treat all use of vehicles by employees as personal use?   |     |    |
| <b>40</b> Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received?   |     |    |
| <b>41</b> Do you meet the requirements concerning qualified automobile demonstration use? (See instructions)<br><b>Note:</b> If your answer to 37, 38, 39, 40, or 41 is 'Yes,' do not complete Section B for the covered vehicles. |     |    |

**Part VI Amortization**

| (a)<br>Description of costs   | (b)<br>Date amortization<br>begins | (c)<br>Amortizable<br>amount | (d)<br>Code<br>section | (e)<br>Amortization<br>period or<br>percentage | (f)<br>Amortization<br>for this year |
|---|------------------------------------|------------------------------|------------------------|--|--------------------------------------|
| <b>42</b> Amortization of costs that begins during your 2012 tax year (see instructions): |                                    |                              |                        |  |                                      |
|   |                                    |                              |                        |  |                                      |
| <b>43</b> Amortization of costs that began before your 2012 tax year                      |                                    |                              |                        |  | <b>43</b>                            |
| <b>44</b> Total. Add amounts in column (f). See the instructions for where to report      |                                    |                              |                        |  | <b>44</b>                            |