Sloyer Elliot Form 5 February 14, 2011

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Sloyer Elliot Symbol AROTECH CORP [ARTX] (Check all applicable) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Middle) (Month/Day/Year) _X_ Director 10% Owner Officer (give title 12/31/2010 Other (specify below) below) 35 TOILSOME BROOK ROAD (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) STAMFORD, CTÂ 06905 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 5. Amount of 6. Ownership 7. Nature of 4. Securities Form: Direct Indirect Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) Amount (D) Price Common Â Â Â Â Â Â 71,672 (1) D Stock Persons who respond to the collection of information Reminder: Report on a separate line for each class of **SEC 2270** securities beneficially owned directly or indirectly. contained in this form are not required to respond unless (9-02)the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exercisable and | 7. Title and | 8. Price of | 9. |
|-------------|------------|---------------------|--------------------|-------------|--------|-------------------------|--------------|-------------|----|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transaction | Number | Expiration Date | Amount of | Derivative | of |

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| Security (Instr. 3) | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | urities quired or posed D) tr. 3, | | Underlying Securities (Instr. 3 and 4) | | Security (Instr. 5) |
|---------------------|--|-------------------------|-----------------|---|-----------------------------------|--------------------|--|------|------------------------|
| | | | | (A) (D) | Date Exercisable | Expiration Date | Title Amo or Num of Shar | nber | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|---|---------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| Sloyer Elliot 35 TOILSOME BROOK ROAD STAMFORD, CT 06905 | ÂΧ | Â | Â | Â | | |

Signatures

/s/ Elliot Sloyer 02/14/2011

**Signature of Date
Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes 23,373 unvested restricted shares, the vesting of which is not subject to performance criteria.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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