ARROWHEAD RESEARCH CORP

Form 4

March 25, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box

if no longer subject to Section 16.

Form 4 or

Form 5 obligations may continue. See Instruction 1(b).

SECURITIES

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

ARROWHEAD RESEARCH CORP

(Print or Type Responses)

1. Name and Address of Reporting Person *

FRYKMAN EDWARD W

(First) (Middle)

225 SOUTH LAKE **AVENUE, SUITE 1050**

PASADENA, CA 91101

(Last)

(City)

1. Title of

Security

(Instr. 3)

(State)

(Street)

(Zip)

2. Transaction Date 2A. Deemed

4. If Amendment, Date Original

Filed(Month/Day/Year)

Symbol

[ARWR]

(Month/Day/Year)

03/21/2013

3. Date of Earliest Transaction

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

5. Amount of

Securities

Following

Reported

Owned

Beneficially

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless 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 Derivative Conversion 3. Transaction Date 3A. Deemed

5. Number of (Month/Day/Year) Execution Date, if TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of Underlying Securities

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

(Check all applicable)

10% Owner

Other (specify

7. Nature of

Ownership (Instr. 4)

(9-02)

Indirect

(D) or Indirect Beneficial

Issuer

below)

X_ Director

Applicable Line)

Officer (give title

Estimated average

burden hours per

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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Y	any (Month/Day/Year)	Code (Instr. 8)	Acquor Di	rities uired (A) isposed of r. 3, 4,	(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option	\$ 2.19	03/21/2013		A		15,000	03/21/2014(1)	03/21/2023	Common Stock	15,000

Reporting Owners

Relationships

X

FRYKMAN EDWARD W
225 SOUTH LAKE AVENUE
SUITE 1050
PASADENA, CA 91101

Signatures

Edward W.
Frykman

**Signature of Date

**Signature of 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) Option vests one year from date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space 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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