ARROWHEAD RESEARCH CORP

Form 4

August 19, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

Expires:

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OMB APPROVAL

January 31, 2005

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Check this box

SECURITIES

obligations may continue. See Instruction

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person *

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

STEWART R BRUCE

ARROWHEAD RESEARCH CORP

(Check all applicable)

[ARWR]

(Middle)

3. Date of Earliest Transaction

_X__ Director 10% Owner X_ Officer (give title Other (specify

201 SOUTH LAKE

06/11/2008

below) **Executive Chairman**

AVENUE, SUITE 703

4. If Amendment, Date Original

(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

PASADENA, CA 91101

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (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)

5. Amount of 6. Ownership Securities Form: Direct Beneficially Owned (I) Following (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

(A) or

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

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SEC 1474 (9-02)

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 (Month/Day/Year) Execution Date, if

5. Number of Transaction Derivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of Underlying Securities

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Security (Instr. 3)	Price of Derivative Security		any (Month/Day/Year)	(Instr. 8)	or Disposed of (D) (Instr. 3, 4,)	(Instr. 3 and 4	1)
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option	\$ 2.13	06/11/2008		A	50,000	07/01/2008(1)	06/11/2018	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
STEWART R BRUCE 201 SOUTH LAKE AVENUE SUITE 703 PASADENA, CA 91101	X		Executive Chairman				

Signatures

R. Bruce
Stewart

**Signature of Reporting Person

R. Bruce

08/17/2009

Date

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) Fully vested 6/11/2009

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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