McKenney Charles Form 4 January 23, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

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0.5

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if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *

McKenney Charles

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

ARROWHEAD RESEARCH CORP

(Check all applicable)

[ARWR]

03/13/2008

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

X_ Director Officer (give title below)

10% Owner Other (specify

201 SOUTH LAKE **AVENUE, SUITE 703**

> (Street) 4. If Amendment, Date Original

> > Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

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

PASADENA, CA 91101

Security

(Instr. 3)

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

3. (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code

4. Securities Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned (I) Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (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.

(Month/Day/Year)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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 TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Y	ear)	(Instr. 3 and 4	4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 2.55	03/13/2008		A	20,000	03/13/2009	03/13/2018	Common Stock	20,000

Reporting Owners

Relationships

Reporting Owner Name / Address

 $\begin{array}{ccc} \text{Director} & \frac{10\%}{\text{Owner}} & \text{Officer} & \text{Other} \end{array}$

McKenney Charles
201 SOUTH LAKE AVENUE
SUITE 703
PASADENA, CA 91101

Signatures

Charles

McKenney 01/23/2009

**Signature of Reporting Person 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).

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.

Reporting Owners 2