McKenney Charles Form 4 April 12, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

response...

Estimated average burden hours per

Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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)

1. Title of

Security

(Instr. 3)

(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

[ARWR]

(Check all applicable)

(First) (Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 02/22/2007

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

PASADENA, CA 91101

(City) (State) (Zip) 2. Transaction Date 2A. Deemed

3. (Month/Day/Year) Execution Date, if

(Month/Day/Year)

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned Following

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

Reported

or Code V Amount (D) Price

(A)

Transaction(s) (Instr. 3 and 4)

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

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 TransactionDerivative

5. Number of

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	\$ 3.93	02/22/2007		A	20,000	02/22/2008	02/22/2017	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 02/22/2007

**Signature of Person

**Bignature of 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).

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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