McKenney Charles Form 4/A January 18, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

Ownership

(Instr. 4)

Indirect (I)

(Instr. 4)

D

0.5

Estimated average burden hours per

response...

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

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

See Instruction

1(b).

Common

Stock

01/10/2005

(Print or Type Responses)

| 1. Name and Address of Reporting Person * McKenney Charles | | | 2. Issuer Name and Ticker or Trading Symbol ARROWHEAD RESEARCH CORP [ARWR] | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|--|---------------------------------|----------|--|---------------------------|---|--|----------------------------------|----------------------------------|--|
| (Last) | (First) GREEN STRE | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 01/10/2005 | | | | e titleOther | | |
| (Street) PASADENA, CA 91106 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) 01/12/2005 | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| (City) | (State) | (Zip) | Table | e I - Non-D | erivative Securities Acq | uired, Disposed o | f, or Beneficial | ly Owned | |
| 1.Title of Security (Instr. 3) | 2. Transaction D (Month/Day/Yea | | | 3. Transaction Code | 4. Securities Acquired on(A) or Disposed of (D) | 5. Amount of Securities Beneficially | 6. Ownership Form: Direct (D) or | 7. Nature of Indirect Beneficial | |

Amount

25,000

(Instr. 3, 4 and 5)

(A)

or

(D)

Price

\$1

(Instr. 8)

Code V

X

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 **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Following

Reported

25,200

Transaction(s)

(Instr. 3 and 4)

Owned

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

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| 1. Title of | 2. | 3. Transaction Date | | 4. | 5. | 6. Date Exerc | | 7. Titl | | 8. Price of | 9. Nu |
|--------------------------------------|---|---------------------|---|---------------------------------|--|---------------------|--------------------|------------------------------------|--|--------------------------------------|---|
| Derivative Security (Instr. 3) | Conversion or Exercise Price of Derivative Security | (Month/Day/Year) | Execution Date, if any (Month/Day/Year) | Transacti Code (Instr. 8) | ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | Amou Under Securi (Instr. | rlying | Derivative Security (Instr. 5) | Deriv Secur Bene Own Follo Repo Trans (Instr |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|--------------------------------|---------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| McKenney Charles | | | | | | |
| 1118 EAST GREEN STREET | X | | | | | |
| PASADENA, CA 91106 | | | | | | |

Signatures

Charles
McKenney
01/18/2005

**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).
- (1) This form 4/A is filed to correct an error in the Form 4 filed on 01/12/05 to report Mr. McKenney's acquisition of 25,000 shares of common stock pursuant to option exercise. The transaction was mistakenly reported as a disposal of shares.

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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