MILLS KAREN G Form 4 May 04, 2006

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

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

OMB APPROVAL

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(Middle)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person *

MILLS KAREN G

2. Issuer Name and Ticker or Trading

Symbol

ARROW ELECTRONICS INC

[ARW]

3. Date of Earliest Transaction

(Month/Day/Year) 05/02/2006

X_ Director Officer (give title

10% Owner Other (specify

ARROW ELECTRONICS, INC., 50

(First)

MARCUS DRIVE

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

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

Issuer

below)

MELVILLE, NY 11747

(City) (State) (Zip) 1. Title of 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)

5. Amount of Securities Beneficially Owned 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.

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 (Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

(9-02)

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A Disposed of (Instr. 3, 4, a 5)	(D)	(Month/Day	Year)	(Instr. 3 and	4)
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock	(1)	05/02/2006		A	1,659.75		<u>(1)</u>	<u>(1)</u>	Common Stock	1,659.75

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MILLS KAREN G ARROW ELECTRONICS, INC. 50 MARCUS DRIVE MELVILLE, NY 11747	X						

Signatures

Lori McGregor, Attorney-in-fact 05/04/2006

**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) Restricted Stock Units settled by (i) the issuance of shares of Common Stock on a one-for-one basis following termination of services as a Director, or (ii) payment of the fair market value of an equivalent number of shares of common stock following a change of control.

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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