Melvin Vincent P Form 4 February 22, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

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

Form 5 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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person *

Melvin Vincent P

2. Issuer Name and Ticker or Trading

Symbol

ARROW ELECTRONICS INC

[ARW]

(Last) (First) (Middle)

(Month/Day/Year) 02/21/2012

ARROW ELECTRONICS, INC., 50 **MARCUS DRIVE**

(Street)

4. If Amendment, Date Original

3. Date of Earliest Transaction

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

> > (I)

(Instr. 4)

5. Relationship of Reporting Person(s) to

(Check all applicable)

VP & Chief Information Officer

6. Ownership

Form: Direct

10% Owner Other (specify

7. Nature of

Ownership

(9-02)

(Instr. 4)

Indirect

(D) or Indirect Beneficial

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

5. Amount of

Securities

Beneficially

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

Issuer

below)

Director

X_ Officer (give title

MELVILLE, NY 11747

(Instr. 3)

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

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

Owned Following Reported (A) or

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

3. Transaction Date 3A. Deemed 1. Title of Derivative Conversion

5. Number

6. Date Exercisable and (Month/Day/Year) Execution Date, if Transaction of Derivative 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 Securities (Instr. 8) Acquired (A) or Disposed (D) (Instr. 3, 4 and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A) ((D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 40.15	02/21/2012		A	8,625	02/21/2013	02/21/2022	Common Stock	8,625

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Melvin Vincent P ARROW ELECTRONICS, INC. 50 MARCUS DRIVE MELVILLE, NY 11747

VP & Chief Information Officer

Signatures

Jade E. Osorio, Attorney-in-fact 02/22/2012

**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