WADDELL JOHN C

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

Form 5

February 09, 2011

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer WADDELL JOHN C Symbol ARROW ELECTRONICS INC (Check all applicable) [ARW] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) _X_ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) below) 12/31/2010 ARROW ELECTRONICS. INC., Â 50 MARCUS DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) MELVILLE, NYÂ 11747 _X_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 1.Title of 2. Transaction Date 2A. Deemed 4. Securities 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) Amount (D) Price Common Â Â Â Â Â Â Â 35 D Stock (1)

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

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(9-02)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				7. Title and Amou Underlying Securi (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amo Nun Shar
Non-Employee Directors Plan Stock Option (right to buy)	\$ 26.52	Â	Â	Â	Â	Â	05/11/2002	05/11/2011	Common Stock	4
Non-Employee Directors Plan Stock Option (right to buy)	\$ 26.23	Â	Â	Â	Â	Â	05/23/2003	05/23/2012	Common Stock	4
Non-Employee Directors Plan Stock Option (right to buy)	\$ 16.51	Â	Â	Â	Â	Â	05/23/2004	05/23/2013	Common Stock	4
Restricted Stock Units	Â	Â	Â	Â	Â	Â	(2)	(2)	Common Stock	16,

Reporting Owners

Reporting Owner Name / Address	Relationships					
Fg	Director	10% Owner	Officer	Othe		
WADDELL JOHN C ARROW ELECTRONICS, INC. 50 MARCUS DRIVE MELVILLE, NY 11747	ÂX	Â	Â	Â		

Signatures

Jade E. Osorio,
Attorney-in-fact

**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).
- $\begin{tabular}{ll} \textbf{(1)} & Includes shares held in the reporting person's qualified IRA. \\ \end{tabular}$

(2)

Reporting Owners 2

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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 provided 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.