

WINLAND ELECTRONICS INC
 Form 4
 January 11, 2007

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
 DEPETRA THOMAS J

2. Issuer Name and Ticker or Trading Symbol
 WINLAND ELECTRONICS INC
 [WEX]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 9012 MEADOW PLACE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/27/2006

Director 10% Owner
 Officer (give title below) Other (specify below)

SAVAGE, MN 55378
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V Amount		
Common Stock	11/27/2006		M	A	\$ 4,700 0.8364	6,420	D
Common Stock	11/27/2006		S	D	\$ 3.2 4,700	1,720	D

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

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SEC 1474 (9-02)

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

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)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (right to buy)	\$ 0.8364	11/27/2006		M	4,700	12/20/2001 12/20/2006	Common Stock	4,700
Stock Option (right to buy)	\$ 2.2545					07/30/2002 07/30/2007	Common Stock	5,500
Stock Option (right to buy)	\$ 2.7273					05/13/2003 05/13/2008	Common Stock	5,500
Stock Option (right to buy)	\$ 3					05/11/2004 05/11/2009	Common Stock	5,000
Stock Option (right to buy)	\$ 4.11					05/10/2005 05/10/2015	Common Stock	5,500
Stock Option (right to buy)	\$ 4.48					05/09/2006 05/09/2016	Common Stock	5,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DEPETRA THOMAS J 9012 MEADOW PLACE	X			

SAVAGE, MN 55378

Signatures

/s/ Diane Heney as Attorney-in-Fact for Thomas J. de Petra pursuant to Powr of Attorney
previously filed.

01/11/2007

__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.

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