AGILENT TECHNOLOGIES INC

Form 4

March 21, 2006

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per response...

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * NORDLUND D CRAIG			2. Issuer Name and Ticker or Trading Symbol AGILENT TECHNOLOGIES INC [A]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
(Last) 395 PAGE MI	(First)	(Middle) MS A3-18	3. Date of Earliest Transaction (Month/Day/Year) 03/17/2006	Director 10% Owner Other (specify below)	
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person	
PALO ALTO, CA 94306				Form filed by More than One Reporting Person	

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acq	uired, Disposed o	f, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	Cransaction(A) or Dis		of (D)	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)
Common Stock	03/17/2006		Code V M	Amount 6,940	(D)	Price \$ 30.26	38,512.01	D	
Common Stock	03/17/2006		M	40,000	A	\$ 25.67	78,512.01	D	
Common Stock	03/17/2006		S	40	D	\$ 38.06	78,472.01	D	
Common Stock	03/17/2006		S	46,900	D	\$ 38.07	31,572.01	D	
Common Stock							38	I	By first daughter

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Common Stock	38	I	Custodian for second daughter
Common Stock	38	I	Custodian for son

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

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SEC 1474

(9-02)

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 orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerci Expiration Dat (Month/Day/Y	te	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 30.26	03/17/2006		M	6,940	11/21/1997	11/20/2006	Common Stock	6,940
Employee Stock Option (right to buy)	\$ 25.67	03/17/2006		M	40,000	11/26/2002	11/25/2011	Common Stock	40,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 9	Director	10% Owner	Officer	Other		
NORDLUND D CRAIG						
395 PAGE MILL ROAD, MS A3-18			Sr VP, General Counsel & Sec.			
PALO ALTO, CA 94306						

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Signatures

By: Marie Oh Huber / Attorney-in-fact

03/21/2006

**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).

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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