

AGILENT TECHNOLOGIES INC
 Form 4
 June 18, 2008

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 *
 Odeh Saleem N.

2. Issuer Name and Ticker or Trading Symbol
 AGILENT TECHNOLOGIES INC
 [A]

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

(Last) (First) (Middle)
 5301 STEVENS CREEK BLVD.
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/17/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Vice President

SANTA CLARA, CA 95051

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

(City) (State) (Zip)

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	06/17/2008		M		11,814	A	\$ 20.62
Common Stock	06/17/2008		M		42	A	\$ 26.83
Common Stock	06/17/2008		M		25,902	A	\$ 26.83
Common Stock	06/17/2008		M		43,056	A	\$ 24.45
Common Stock	06/17/2008		S		173	D	\$ 37.44

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Common Stock	06/17/2008	S	5,800	D	\$ 37.45	83,369.9857	D
Common Stock	06/17/2008	S	12,714	D	\$ 37.46	70,655.9857	D
Common Stock	06/17/2008	S	7,583	D	\$ 37.47	63,072.9857	D
Common Stock	06/17/2008	S	23,200	D	\$ 37.48	39,872.9857	D
Common Stock	06/17/2008	S	9,079	D	\$ 37.49	30,793.9857	D
Common Stock	06/17/2008	S	17,865	D	\$ 37.5	12,928.9857	D
Common Stock	06/17/2008	S	4,400	D	\$ 37.51	8,528.9857	D

Common Stock						459	I	Held by Saleem N. Odeh & Sharon M. Odeh Trust
Common Stock						25.317	I	By 401(k) Plan

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(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 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)		
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 20.62	06/17/2008		M	11,814	01/24/2006	01/23/2015	Common Stock	11,814

(Right to Buy)

Employee Stock

Option (Right to Buy)	\$ 26.83	06/17/2008	M	42	12/22/2004	05/16/2010	Common Stock	42
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Employee Stock

Option (Right to Buy)	\$ 26.83	06/17/2008	M	25,902	12/22/2004	11/12/2010	Common Stock	25,902
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Employee Stock

Option (Right to Buy)	\$ 24.45	06/17/2008	M	43,056	11/26/2002	11/25/2011	Common Stock	43,056
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Odeh Saleem N. 5301 STEVENS CREEK BLVD. SANTA CLARA, CA 95051			Vice President	

Signatures

Marie Oh Huber, attorney-in-fact for Mr. Odeh

06/18/2008

__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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