JOSS ROBERT L Form 4 November 03, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

1. Name and Address of Reporting Person *

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

1(b).

(Print or Type Responses)

JOSS ROBERT L Issuer Symbol AGILENT TECHNOLOGIES INC (Check all applicable) [A] 3. Date of Earliest Transaction (Last) (First) (Middle) _X__ Director 10% Owner Other (specify Officer (give title (Month/Day/Year) 5301 STEVENS CREEK BLVD, MS 11/01/2006 1A-LC

2. Issuer Name and Ticker or Trading

(Street) 4. If Amendment, Date Original

(Zip)

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

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

SANTA CLARA, CA 95051

(State)

(City)

		Table	ble 1 - Non-Derivative Securities Acquired, Disposed of, or Deficiently Owned							
1.Title of	2. Transaction Date	2A. Deemed	3. 4. Securities Acquired		5. Amount of	6. Ownership	7. Nature of			
Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of (D)			Securities	Form: Direct	Indirect		
(Instr. 3)		any	Code (Instr. 3, 4 and 5)			Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership	
							Following	(Instr. 4)	(Instr. 4)	
					()		Reported			
					(A)		Transaction(s)			
			G 1 17		or	ъ.	(Instr. 3 and 4)			
			Code V	Amount	(D)	Price				
Common Stock	11/01/2006		P(1)	476.96	A	\$ 33.9	10,527.74	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr.	3 and 4)		Owne
	Security									Follo	
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
						Date Exercisable	Expiration Date	Title N	or		
									Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

JOSS ROBERT L X 5301 STEVENS CREEK BLVD, MS 1A-LC SANTA CLARA, CA 95051

Signatures

By: Marie Oh Huber / 11/03/2006 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).

Notional shares of the Company's common stock credited to directors' deferred compensation plan account pursuant to the Deferred Compensation Plan terms, following receipt of Verigy Ltd. ordinary shares acquired in a pro rata distribution to the Company's stockholders on October 31, 2006 by the Company of its interest in Verigy Ltd. The value of the Verigy shares credited to the directors' deferral account is deemed automatically reinvested in the Company's common stock.

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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