AGILENT TECHNOLOGIES INC

Form 4

Stock

Stock

Common

December 06, 2006

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION							OMB APPROVAL		
	OMB Number:	3235-0287							
Check if no lo	this box		Expires:	January 31, 2005					
subject Section Form 4 Form 5	to SIAIE	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES					average ours per		
Form 5 obligations may continue. See Instruction 1(b). 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	e Responses)								
1. Name and CULLEN	Address of Reporting JAMES	Symbol	ner Name and Ticker I ENT TECHNOL	· ·	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First)	(Middle) 3. Date	of Earliest Transaction	on	_X_ Director 10% Owner				
5301 STE	VENS CREEK B		/Day/Year) /2006		Officer (give below)	titleOt below)	her (specify		
	(Street)		mendment, Date Origi Ionth/Day/Year)	nal	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
SANTA C	LARA, CA 9505	1			Form filed by M Person	Iore than One l	Reporting		
(City)	(State)	(Zip) Ta	ble I - Non-Derivati	ve Securities Acq	uired, Disposed of	, or Benefici	ally Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Dispo	4 and 5) (A) or	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	12/04/2006		$A_{\underline{(1)}}$ 2,007.4	\$	23 606 1	D			
Common					2.000	I	By IRA		

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

SEC 1474

(9-02)

2,000

3,000

I

Ι

By IRA

By Limited

Partnership

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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)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transactic Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CULLEN JAMES 5301 STEVENS CREEK BLVD, MS 1A-LC X SANTA CLARA, CA 95051

Signatures

By: Marie Oh Huber / 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).
- (1) Shares of the Company's common stock held in a deferral account pursuant to the Company's Deferred Compensation Plan for Non-Employee Directors.

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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