

AGILENT TECHNOLOGIES INC
 Form 5
 November 17, 2005

FORM 5

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

OMB APPROVAL

OMB Number: 3235-0362
 Expires: January 31, 2005
 Estimated average burden hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
BARNHOLT EDWARD W			AGILENT TECHNOLOGIES INC [A]	(Check all applicable)
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)	<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) Chairman Emeritus
395 PAGE MILL ROAD, MS A3-18			10/31/2005	
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting (check applicable line)
PALO ALTO, CA 94306				<input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> 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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Amount	(A) or (D)	Price			
Common Stock	04/29/2005	^	A ⁽¹⁾	871.51	A	\$ 17.64	56,700.09	D	^
Common Stock	10/31/2005	^	A ⁽¹⁾	140.22	A	\$ 21	56,840.31	D	^
Common Stock	^	^	^	^	^	^	432	I	By Son
Common Stock	^	^	^	^	^	^	438	I	By Trust

