WINGER DENNIS L

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

February 05, 2008

FORM 4

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

OMB Number:

OMB APPROVAL

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * WINGER DENNIS L			2. Issuer Name and Ticker or Trading Symbol APPLERA CORP [ABI/CRA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
APPLERA CORPORATION, 301			02/01/2008	X Officer (give title Other (specify below)			
MERRITT 7				Senior Vice President and CFO			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
NORWALK, CT 06851-1070				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative S	Securi	ties Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	ed 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)
Applied Biosystems Group Common Stock	02/01/2008		S <u>(1)</u>	100	D D		76,255.2555	D	
Applied Biosystems Group Common Stock	02/01/2008		S <u>(1)</u>	333	D	\$ 31.47	75,922.2555	D	
Applied Biosystems	02/01/2008		S <u>(1)</u>	100	D	\$ 31.46	75,822.2555	D	

Group Common Stock							
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	183	D	\$ 31.45	75,639.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	17	D	\$ 31.445	75,622.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	218	D	\$ 31.44	75,404.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	33	D	\$ 31.435	75,371.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	217	D	\$ 31.43	75,154.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	550	D	\$ 31.42	74,604.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	83	D	\$ 31.41	74,521.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	133	D	\$ 31.4	74,388.2555	D
Applied Biosystems Group	02/01/2008	S <u>(1)</u>	17	D	\$ 31.385	74,371.2555	D

Common Stock					
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	200	D	\$ 31.38 74,171.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	117	D	\$ 31.37 74,054.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	33	D	\$ 31.36 74,021.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	34	D	\$ 31.35 73,987.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	33	D	\$ 31.34 73,954.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	367	D	\$ 31.33 73,587.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	17	D	\$ 73,570.2555 D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	450	D	\$ 31.32 73,120.2555 D
Applied Biosystems Group Common	02/01/2008	S <u>(1)</u>	387	D	\$ 31.31 72,733.2555 D

Stock							
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	617	D	\$ 31.3	72,116.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	763	D	\$ 31.29	71,353.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	250	D	\$ 31.28	71,103.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	367	D	\$ 31.27	70,736.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	250	D	\$ 31.26	70,486.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	200	D	\$ 31.25	70,286.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S(1)	217	D	\$ 31.24	70,069.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	283	D	\$ 31.23	69,786.2555	D
Applied Biosystems Group Common Stock	02/01/2008	S <u>(1)</u>	233	D	\$ 31.22	69,553.2555	D

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.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

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	3A. Deemed	4.	5.	6. Date Exerci	sable and	7. Title a	ınd	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	iorNumber	Expiration Da	te	Amount	of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/Y	(ear)	Underlyi	ng	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	s	(Instr. 5)
	Derivative				Securities			(Instr. 3	and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									mount	
						Date		or		
						Exercisable			umber	
								of		
				Code V	$^{\prime}$ (A) (D)			St	nares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WINGER DENNIS L APPLERA CORPORATION 301 MERRITT 7 NORWALK, CT 06851-1070

Senior Vice President and CFO

Signatures

/s/ Thomas P. Livingston, Attorney-In-Fact for Dennis L.
Winger

02/05/2008

**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).
- (1) Reflects sale by independent third-party administrator under the issuer's Insider Diversification Program.

Remarks:

This is the second of four forms being filed by the reporting person on February 5, 2008.

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.

Reporting Owners 5