#### AYERS RICHARD H

Check this box

if no longer

Section 16.

Form 4 or

subject to

Form 4 May 05, 2006

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** Number:

3235-0287

Expires:

January 31, 2005

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Estimated average burden hours per

**OMB APPROVAL** 

response...

**SECURITIES** 

Form 5 obligations may continue. See Instruction

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).

Biosystems

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading AYERS RICHARD H Issuer Symbol APPLERA CORP [ABI/CRA] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) \_X\_\_ Director 10% Owner \_ Other (specify Officer (give title APPLERA CORPORATION, 301 05/03/2006 below) **MERRITT 7** 4. If Amendment, Date Original (Street) 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting NORWALK, CT 06851-1070

(City)	(State) (Z	Zip) Table	I - Non-D	erivative :	Secur	ities Acquire	ed, Disposed of, o	or Beneficially	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)		sed of 4 and (A) or		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 Units							14,192.44	D	
Applied Biosystems Group Common Stock	05/03/2006		M	2,000	A	\$ 12.2939	4,600	D	
Applied	05/03/2006		S(1)	5	D	\$ 29.18	4,595	D	

Group Common Stock							
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	48	D	\$ 29.06	4,547	D
Applied Biosystems Group Common Stock	05/03/2006	S(1)	21	D	\$ 29.05	4,526	D
Applied Biosystems Group Common Stock	05/03/2006	S(1)	43	D	\$ 29.04	4,483	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	21	D	\$ 29.03	4,462	D
Applied Biosystems Group Common Stock	05/03/2006	S(1)	22	D	\$ 29.01	4,440	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	80	D	\$ 29	4,360	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	27	D	\$ 28.99	4,333	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	21	D	\$ 28.98	4,312	D
Applied Biosystems Group	05/03/2006	S(1)	22	D	\$ 28.97	4,290	D

Common Stock							
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	21	D	\$ 28.95	4,269	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	43	D	\$ 28.94	4,226	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	21	D	\$ 28.91	4,205	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	75	D	\$ 28.89	4,130	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	32	D	\$ 28.88	4,098	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	70	D	\$ 28.86	4,028	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	21	D	\$ 28.85	4,007	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	59	D	\$ 28.84	3,948	D
Applied Biosystems Group Common	05/03/2006	S <u>(1)</u>	48	D	\$ 28.83	3,900	D

Stock							
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	48	D	\$ 28.82	3,852	D
Applied Biosystems Group Common Stock	05/03/2006	S(1)	11	D	\$ 28.81	3,841	D
Applied Biosystems Group Common Stock	05/03/2006	S(1)	38	D	\$ 28.8	3,803	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	43	D	\$ 28.79	3,760	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	43	D	\$ 28.78	3,717	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	43	D	\$ 28.77	3,674	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	65	D	\$ 28.75	3,609	D
Applied Biosystems Group Common Stock	05/03/2006	S <u>(1)</u>	54	D	\$ 28.72	3,555	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

SEC 1474 (9-02)

number.

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. Transactic Code (Instr. 8)	5. Number proof 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 Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ar or Nu of Sh
Applied Biosystems Group Director Stock Options-Right to Buy	\$ 12.2939	05/03/2006		M	2,000	10/14/1998	10/17/2006	Applied Biosystems Group Common Stock	2

# **Reporting Owners**

Reporting Owner Name / Address	Relationships							
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer Other					
AYERS RICHARD H APPLERA CORPORATION 301 MERRITT 7 NORWALK, CT 06851-1070	X							

# **Signatures**

/s/ Thomas P. Livingston, Attorney-in-Fact for Richard H.
Ayers

05/05/2006

\*\*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 first of two forms being filed by the reporting person on May 5, 2006.

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