AYERS RICHARD H

Check this box

if no longer

subject to

Section 16.

Form 4

October 23, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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)

See Instruction

1. Name and Address of Reporting Person * AYERS RICHARD H			2. Issuer Name and Ticker or Trading Symbol APPLERA CORP [ABI/CRA]					5. Relationship of Reporting Person(s) to Issuer				
(Last) (First) (Middle) APPLERA CORPORATION, 301 MERRITT 7			3. Date of Earliest Transaction (Month/Day/Year) 10/19/2006						(Check all applicable) _X_ Director 10% Owner Officer (give title below) Other (specify below)			
NORWALK,	(Street) NORWALK, CT 06851-1070			4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									ly Owned		
1.Title of Security (Instr. 3)	2. Transactio (Month/Day/	Year)	Execut any	eemed tion Date, if h/Day/Year)	Code (Instr.	8)	4. Securi onAcquired Disposed (Instr. 3,	l (A) of (D) 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)	
Biosystems Group Common Stock Units										14,229.18 (1)	D	
Celera Genomics Group Common Stock Units										3,386.2	D	
Applied Biosystems	10/19/2006	5			A		2,600	A	\$ 0	6,039	D	

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Group Common Stock										
Applied Biosystems Group Common Stock						23,824	I	By Suzanne L. Ayers Living Trust (2)		
Celera Genomics Group Common Stock	10/19/2006	A	1,000	A	\$ 0	2,360	D			
Celera Genomics Group Common Stock						7,045	I	By Suzanne L. Ayers Living Trust (2)		
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly										

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

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SEC 1474

(9-02)

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. Transactio Code (Instr. 8)	5. Number of 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 Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amor or Numl of Share
Applied Biosystems Group Director Stock Option-Right to Buy	\$ 33.74	10/19/2006		A	9,000	(3)	10/19/2016	Applied Biosystems Group Common Stock	9,00
to Day	\$ 14.5	10/19/2006		A	3,600	<u>(3)</u>	10/19/2016		3,60

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Celera
Genomics
Group
Director
Stock
Option-Right
to Buy

Celera Genomics Group Common Stock

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

AYERS RICHARD H

APPLERA CORPORATION
301 MERRITT 7

NORWALK, CT 06851-1070

Signatures

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

10/23/2006

**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) Includes 18.29 Applied Biosystems Group Common Stock Units acquired in October 2006 pursuant to the dividend reinvestment feature of the Company's director stock purchase plan.
- (2) The reporting person is a co-trustee of the Suzanne L. Ayers Living Trust, a trust for the benefit of the reporting person's wife.
- (3) The options become exercisable in four equal annual installments commencing October 19, 2007.

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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