AYERS RICHARD H

Check this box

Form 4 May 04, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB 3235-0287 Number:

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if no longer subject to Section 16. Form 4 or

1 Name and Address of Departing De

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Applied

Biosystems

04/26/2006

Form 5

obligations

(Print or Type Responses)

1. Name and Address of Reporting Person * AYERS RICHARD H			Symbol	2. Issuer Name and Ticker or Trading Symbol APPLERA CORP [ABI/CRA] 3. Date of Earliest Transaction (Month/Day/Year) 05/02/2006				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle) APPLERA CORPORATION, 301 MERRITT 7			(Month/Da					X Director 10% Owner Officer (give title below) Other (speci below)			
	NORWALK	(Street)	1070		ndment, Da th/Day/Year)	_		Apj	ndividual or Joint plicable Line) _ Form filed by One . Form filed by More son	Reporting Pers	son
	(City)	(State)	(Zip)	Table	e I - Non-D	erivative S	ecurities	Acquire	d, Disposed of, o	r Beneficially	y Owned
	1.Title of Security (Instr. 3) Applied Biosystems Group Common	2. Transaction (Month/Day/	Year) Exe	ecution Date, if	3. Transactic Code (Instr. 8)	4. Securit onor Dispos (Instr. 3, 4	ed of (D)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 14,192.44 (1)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
	Stock Units Celera Genomics Group Common Stock Units								3,386.2	D	

\$0

 $2,600^{(2)}$

D

V 23,824 D

Group Common Stock								
Applied Biosystems Group Common Stock	04/26/2006	G V	7 23,824	A	\$ 0	23,824 (2)	I	By Suzanne L. Ayers Living Trust (2)
Applied Biosystems Group Common Stock	05/02/2006	M	2,000	A	\$ 12.2939	4,600	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	51	D	\$ 28.65	4,549	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	37	D	\$ 28.61	4,512	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	64	D	\$ 28.6	4,448	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	43	D	\$ 28.59	4,405	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	21	D	\$ 28.57	4,384	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	16	D	\$ 28.56	4,368	D	
Applied Biosystems Group	05/02/2006	S(3)	107	D	\$ 28.55	4,261	D	

Common Stock							
Applied Biosystems Group Common Stock	05/02/2006	S(3)	145	D	\$ 28.54	4,116	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	203	D	\$ 28.53	3,913	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	70	D	\$ 28.52	3,843	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	59	D	\$ 28.51	3,784	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	349	D	\$ 28.5	3,435	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	209	D	\$ 28.49	3,226	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	273	D	\$ 28.48	2,953	D
Applied Biosystems Group Common Stock	05/02/2006	S(3)	102	D	\$ 28.47	2,851	D
Applied Biosystems Group Common	05/02/2006	S(3)	86	D	\$ 28.46	2,765	D

Stock								
Applied Biosystems Group Common Stock	05/02/2006	S(3)	21	D	\$ 28.45	2,744	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	96	D	\$ 28.44	2,648	D	
Applied Biosystems Group Common Stock	05/02/2006	S(3)	48	D	\$ 28.42	2,600	D	
Celera Genomics Group Common Stock	04/26/2006	G V	7,045	D	\$ 0	1,000 (2)	D	
Celera Genomics Group Common Stock	04/26/2006	G V	7,045	A	\$ 0	7,045 (2)	I	By Suzanne L. Ayers Living Trust (2)
Celera Genomics Group Common Stock	05/02/2006	M	1,500	A	\$ 5.0119	2,500	D	
Celera Genomics Group Common Stock	05/02/2006	S(3)	56	D	\$ 11.7	2,444	D	
Celera Genomics Group Common Stock	05/02/2006	S(3)	111	D	\$ 11.68	2,333	D	
Celera Genomics Group Common Stock	05/02/2006	S(3)	11	D	\$ 11.67	2,322	D	

(e.g., puts, calls, warrants, options, convertible securities)

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

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 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 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	05/02/2006		M	2,000	10/14/1998	10/17/2006	Applied Biosystems Group Common Stock	2
Celera Genomics Group Director Stock Options-Right to Buy	\$ 5.0119	05/02/2006		M	1,500	10/14/1998	10/17/2006	Celera Genomics Group Common Stock	1

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

05/04/2006

**Signature of Reporting Person Date

Reporting Owners 5

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 21.95 shares of Applied Biosystems Group Common Stock Units acquired in April 2006 pursuant to the dividend reinvestment feature of the Company's director stock purchase plan.
- (2) On April 26, 2006, the reporting person transferred 23,824 shares of Applied Biosystems Group Common Stock and 7,045 shares of Celera Genomics Group Common Stock to a trust for the benefit of the reporting person's wife, of which the reporting person is a trustee.
- (3) 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 4, 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.