

APPLIED BIOSYSTEMS INC.  
Form 4  
August 22, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
WHITE TONY L

2. Issuer Name and Ticker or Trading Symbol  
APPLIED BIOSYSTEMS INC.  
[ABI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
APPLIED BIOSYSTEMS INC., 301 MERRITT 7

3. Date of Earliest Transaction (Month/Day/Year)  
08/21/2008

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chairman and CEO

(Street)  
NORWALK, CT 06851-1070

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
---------------------------------	--------------------------------------	--	--------------------------------	---	---	--	-----------------------------------

Applied Biosystems Group Common Stock

08/21/2008

A 33,900 A \$ 0

586,624.6816  
(1) (2)

D

Applied Biosystems Group Common Stock

75,000

I

By Elizabeth Ann White Business Interests, LLLP (3)

Applied Biosystems Group Common Stock	29,700	I	By Tony Lee White 2006 Two Year Grantor Retained Annuity Trust <sup>(4)</sup>
Applied Biosystems Group Common Stock	161,760 <sup>(2)</sup>	I	By Tony Lee White 2007 Grantor Retained Annuity Trust <sup>(5)</sup>

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)

**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. Transaction 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 of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 6)
--	--	--------------------------------------	--	--------------------------------	---	--	---	--	--

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHITE TONY L APPLIED BIOSYSTEMS INC. 301 MERRITT 7 NORWALK, CT 06851-1070	X		Chairman and CEO	

## Signatures

/s/ Thomas P. Livingston, Attorney-in-Fact for Tony L.  
White

08/22/2008

\_\_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) Includes 359,347.3 shares of Applied Biosystems Group Common Stock ("ABI stock") purchased in March 2008 under the issuer's employee stock purchase plan.  
Reflects the distribution of 105,240 shares of ABI stock by the Tony Lee White 2007 Grantor Retained Annuity Trust (the "2007 GRAT") to the reporting person on August 6, 2008. The reporting person previously reported these shares as held indirectly through the 2007 GRAT.
- (3) Elizabeth Ann White Business Interests, LLLP, is a family limited partnership (the "FLP"). The reporting person's adult daughter is the sole general partner of the FLP, and the reporting person's wife and a grantor retained annuity trust established by the reporting person are currently the sole limited partners of the FLP.
- (4) The reporting person's wife is the sole trustee of the Tony Lee White 2006 Two Year Grantor Retained Annuity Trust.
- (5) The reporting person's wife is the sole trustee of the 2007 GRAT.

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.