

Stevenson Mark  
Form 4  
November 19, 2008

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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**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 \*  
Stevenson Mark

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., 850  
LINCOLN CENTRE DRIVE

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/17/2008

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
President and COO

(Street)  
FOSTER CITY, CA 94404

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 Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(D)	Price	
Applied Biosystems Group Common Stock	11/17/2008		M		2,875	A	\$ 15.54 14,824	D
Applied Biosystems Group Common Stock	11/17/2008		M		5,000	A	\$ 15.54 19,824	D
	11/17/2008		M		7,500	A	\$ 20.185 27,324	D

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Applied  
Biosystems  
Group  
Common  
Stock

Applied  
Biosystems  
Group  
Common  
Stock

11/17/2008

M

45,000 A

\$ 21.475 72,324

D

Applied  
Biosystems  
Group  
Common  
Stock

11/17/2008

S

43,823 D

\$  
29.2975 28,501  
(1)

D

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

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(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 Security (Instr. 3 and 4)
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 15.54	11/17/2008		M	2,875	<u>(2)</u> 03/24/2013	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right	\$ 15.54	11/17/2008		M	5,000	<u>(3)</u> 03/24/2013	Applied Biosystems Group Common Stock



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until June 17, 2008.

These options were fully vested and exercisable as of the grant date, June 2, 2005. However, shares acquired upon the exercise of these options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition). The transfer

- (5) restriction was scheduled to lapse on 25% of the shares covered by the grant on each of the first four anniversaries of the grant date. Also, the transfer restriction would have lapsed in full upon termination of employment for any reason. However, all remaining restrictions were terminated on November 12, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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