APPLIED BIOSYSTEMS INC.

Form 4

November 13, 2008

November 13								OMB APP	ROVAI
FORM	14 UNITED S		CURITIES A Washington			GE COM	MISSION	OMB Number:	3235-0287
Check thi				,					January 31,
if no long subject to Section 10 Form 4 or	6.	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES						Expires. 2005 Estimated average burden hours per response 0.5	
Form 5 obligation may continue of the second	sinue. Section 17(a) of the Publ	on 16(a) of th ic Utility Hol ne Investment	ding Comp	any 1	Act of 193:			
(Print or Type R	Responses)								
1. Name and A KERR BAR	ddress of Reporting F BARA J	Sym AP1	PLIED BIOS			5. Re Issue	er	Reporting Person	(s) to
		[AF	31]				(2.22		
	(First) (M FIOSYSTEMS INC CENTRE DRIVE	(Mo	ate of Earliest T nth/Day/Year) 11/2008	ransaction		X_ below		10% O title Other (below) Human Resourse	specify
LINCOLN		4 70					1 1 1 T .	./C F::: /	a
EOSTED CI	(Street)		Amendment, Day/Yea	_		Appli _X_ I	icable Line) Form filed by Or	nt/Group Filing(ne Reporting Personer than One Repo	n
FOSTER CI	TY, CA 94404					Perso	n		
(City)	(State) (Zip)	Table I - Non-I	Derivative Se	ecuriti	es Acquired	, Disposed of,	or Beneficially	Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Code	ionDisposed of (Instr. 3, 4	of (D)		5. Amount o Securities Beneficially Owned Following Reported Transaction((Instr. 3 and	Ownershi Form: Direct (D or Indirec (I) s) (Instr. 4)	Beneficial Ownership
A 1' 1			Code V	Amount	(D)	Price	(Ilisti. 5 and	4)	
Applied Biosystems Group Common Stock	11/11/2008		M	54,000	A	\$ 25.575	75,802.909	91 D	
Applied Biosystems Group Common Stock	11/11/2008		M	10,000	A	\$ 25	85,802.909	91 D	
	11/11/2008		M	10,000	A	\$ 25	95,802.909	91 D	

Bi Gr Co	oplied osystems coup ommon ock							
Bi Gr Co	oplied osystems coup ommon ock	11/11/2008	M	51,000	A	\$ 20.85	146,802.9091	D
Bi Gr Co	oplied osystems oup ommon ock	11/11/2008	M	41,336	A	\$ 15.54	188,138.9091	D
Bi Gr Co	oplied osystems oup ommon ock	11/11/2008	М	10,000	A	\$ 15.54	198,138.9091	D
Bi Gr Co	opplied osystems coup ommon ock	11/11/2008	М	10,000	A	\$ 15.54	208,138.9091	D
Bi Gr Co	opplied osystems coup ommon ock	11/11/2008	M	47,664	A	\$ 20.185	255,802.9091	D
Bi Gr Co	oplied osystems coup ommon ock	11/11/2008	M	62,250	A	\$ 21.475	318,052.9091	D
Bi Gr Co	oplied osystems oup ommon ock	11/11/2008	S	296,250	D	\$ 29.9321	21,802.9091	D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title o
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 25.575	11/11/2008		M	54,000	<u>(2)</u>	03/26/2011	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 25	11/11/2008		M	10,000	08/16/2004	08/16/2011	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 25	11/11/2008		M	10,000	<u>(3)</u>	08/16/2011	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 20.85	11/11/2008		M	51,000	<u>(4)</u>	04/08/2012	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 15.54	11/11/2008		M	41,336	<u>(5)</u>	03/24/2013	Applied Biosystems Group Common Stock

Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 15.54	11/11/2008	M	10,000	<u>(6)</u>	03/24/2013	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 15.54	11/11/2008	M	10,000	<u>(7)</u>	03/24/2013	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 20.185	11/11/2008	M	47,664	<u>(8)</u>	06/17/2014	Applied Biosystems Group Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 21.475	11/11/2008	M	62,250	<u>(9)</u>	06/02/2015	Applied Biosystems Group Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

KERR BARBARA J

APPLIED BIOSYSTEMS INC.
850 LINCOLN CENTRE DRIVE
Sr. V.P. - Human Resourses

FOSTER CITY, CA 94404

Signatures

/s/ Thomas P. Livingston, Attorney-In-Fact for Barbara J.
Kerr 11/13/2008

**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).

Reporting Owners 4

- The price reported is the weighted average sale price in open market transactions at prices ranging from \$29.90 to \$29.98. The reporting (1) person undertakes to provide upon request by the Securities and Exchange Commission staff, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- These options originally became exercisable in four equal annual installments, commencing March 26, 2002. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that remained in effect for some of the shares until March 26, 2005.
- These options originally became exercisable on or after the earlier of (a) August 16, 2006 or (b) two years after certain stock price targets were attained. The vesting of these options was accelerated effective January 20, 2005. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that was to remain in effect until the earlier of the original vesting date of those options or termination of the reporting person's employment with the issuer.
- These options originally became exercisable in four equal annual installments, commencing April 8, 2003. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that remained in effect for some of the shares until April 8, 2006.
- These options originally became exercisable in four equal annual installments, commencing March 24, 2004. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that remained in effect for some of the shares until March 24, 2007.
- As originally granted, these options would have become exercisable on March 24, 2006. Effective June 2, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that remained in effect until March 24, 2006.
- These options originally became exercisable on or after the earlier of (a) March 24, 2008 or (b) two years after certain stock price targets were attained. The vesting of these options was accelerated effective January 20, 2005. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that was to remain in effect until the earlier of the original vesting date of those options or termination of the reporting person's employment with the issuer.
- These options originally became exercisable in four equal annual installments, commencing June 17, 2005. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that remained in effect for some of the shares until June 17, 2008.
 - These options were fully vested and exercisable as of the grant date. 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 restriction was
- (9) 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. 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.