Form 4	OSYSTEMS IN	C.								
November 13	3, 2008									
FORM	UNITED	STATES			ND EXC D.C. 2054		GE COM	MISSION	OMB AF OMB Number:	PROVAL 3235-0287 January 31,
Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. Statement of changes in Statement of changes in Statement of changes in Section 16. Filed pursuant to Section 16(a) of th Section 17(a) of the Public Utility Hol					<b>S IN BENEFICIAL OWNERSHIP OF</b> <b>CURITIES</b> of the Securities Exchange Act of 1934, Holding Company Act of 1935 or Section nent Company Act of 1940					
(Print or Type R	esponses)									
1. Name and A KERR BAR	ddress of Reporting BARA J	Person <u>*</u>	Symbol		Ticker or T	-	5. Re Issue	er	Reporting Pers	
	(First) (1 IOSYSTEMS IN CENTRE DRIVE		3. Date of (Month/Da 11/11/20	-	ansaction		X_ below	1		Owner er (specify rses
	(Street)			ndment, Da th/Day/Year)	-		Appli _X_ l	cable Line) Form filed by O	int/Group Filin ne Reporting Pe ore than One Re	rson
FOSTER CI	TY, CA 94404						Perso			porting
(City)	(State)	(Zip)	Table	e I - Non-D	erivative Se	ecuriti	es Acquired	, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Execution		Code (Instr. 8)	onDisposed of (Instr. 3, 4	of (D) and 5) (A) or		5. Amount o Securities Beneficially Owned Following Reported Transaction( (Instr. 3 and	Owners Form: Direct ( or Indir (I) (s) (Instr. 4	Beneficia (D) Ownershi rect (Instr. 4)
Applied Biosystems Group Common Stock	11/11/2008			Code V	Amount 54,000	(D)	Price \$ 25.575	75,802.90	91 D	
Applied Biosystems Group Common Stock	11/11/2008			М	10,000	A	\$ 25	85,802.90	91 D	
	11/11/2008			М	10,000	А	\$ 25	95,802.90	91 D	

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Applied Biosystems Group Common Stock							
Applied Biosystems Group Common Stock	11/11/2008	М	51,000	A	\$ 20.85	146,802.9091	D
Applied Biosystems Group Common Stock	11/11/2008	М	41,336	A	\$ 15.54	188,138.9091	D
Applied Biosystems Group Common Stock	11/11/2008	М	10,000	A	\$ 15.54	198,138.9091	D
Applied Biosystems Group Common Stock	11/11/2008	М	10,000	A	\$ 15.54	208,138.9091	D
Applied Biosystems Group Common Stock	11/11/2008	М	47,664	А	\$ 20.185	255,802.9091	D
Applied Biosystems Group Common Stock	11/11/2008	М	62,250	A	\$ 21.475	318,052.9091	D
Applied Biosystems Group Common Stock	11/11/2008	S	296,250	D	\$ 29.9321 (1)	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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

# 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. 5. Number of TransactiorDerivative 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	A Title N
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 25.575	11/11/2008		М	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		М	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		М	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		М	51,000	<u>(4)</u>	04/08/2012	Applied Biosystems Group 5 Common Stock
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 15.54	11/11/2008		М	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	М	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	М	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	М	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	М	62,250	<u>(9)</u>	06/02/2015	Applied Biosystems Group Common Stock

# **Reporting Owners**

<b>Reporting Owner Name / Address</b>	Relationships						
	Director	10% Owner	Officer	Other			
KERR BARBARA J APPLIED BIOSYSTEMS INC. 850 LINCOLN CENTRE DRIVE FOSTER CITY, CA 94404			Sr. V.P Human Resourses				
Signatures							
/s/ Thomas P. Livingston, Attorney Kerr	-In-Fact f	for Barbara J	11/13/2008				
<u>**</u> Signature of Reporting	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).

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

(2) The vesting of an 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

(3) 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 temperature scheme and any other method of dispersively that remained in effect for some of the charge

(4) 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

- (5) The vesting of an of these options was accelerated. However, shares received upon the excretise 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
  (6) 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

(7) 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

(8) the vesting of an 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.