SMITH ORIN Form 4 May 04, 2007										
FORM	Л								OMB AP	PROVAL
	• UNITED S	STATES SE					NGE CO	MMISSION	OMB Number:	3235-0287
Check this if no longe subject to Section 16 Form 4 or	er STATEM	Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES								January 31, 2005 verage s per
Form 4 orresponseForm 5Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,obligationsSection 17(a) of the Public Utility Holding Company Act of 1935 or Sectionsee Instruction30(h) of the Investment Company Act of 1940								response	0.5	
(Print or Type R	esponses)									
1. Name and Ac SMITH ORI	ldress of Reporting F N R	Syı	mbol	Name and '			-0	Relationship of F suer		
(Last)	(First) (M			Earliest Tra	-			(Check	all applicable)	
APPLERA O MERRITT 7	CORPORATION		onth/Da /02/20	-			_	X Director Officer (give ti low)		Owner · (specify
	(Street)			dment, Dat h/Day/Year)	e Original		Ap	Individual or Join pplicable Line) (_ Form filed by Or		
NORWALK	, CT 06851-1070						Pe	_ Form filed by Mo rson	re than One Rep	orting
(City)	(State) (Zip)	Table	I - Non-De	erivative S	Securi	ties Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution D any (Month/Day	ate, if	3. Transactic Code (Instr. 8)		sed of 4 and (A)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Applied Biosystems Group Common Stock Units				Code V	Amount	or (D)	Price	(Instr. 3 and 4) 32,164.67	D	
Applied Biosystems Group Common Stock	05/02/2007			М	600	A	\$ 16.0728	4,600	D	
Applied Biosystems	05/02/2007			S <u>(1)</u>	12	D	\$ 31.01	4,588	D	

Group Common Stock							
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	3	D	\$ 31	4,585	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	9	D	\$ 30.99	4,576	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	18	D	\$ 30.96	4,558	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	9	D	\$ 30.95	4,549	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	9	D	\$ 30.94	4,540	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	6	D	\$ 30.92	4,534	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	9	D	\$ 30.9	4,525	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	9	D	\$ 30.89	4,516	D
Applied Biosystems Group	05/02/2007	S <u>(1)</u>	1	D	\$ 30.88	4,515	D

Common Stock							
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	12	D	\$ 30.87	4,503	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	25	D	\$ 30.86	4,478	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	49	D	\$ 30.85	4,429	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	61	D	\$ 30.84	4,368	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	42	D	\$ 30.83	4,326	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	35	D	\$ 30.82	4,291	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	58	D	\$ 30.81	4,233	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	92	D	\$ 30.8	4,141	D
Applied Biosystems Group Common	05/02/2007	S <u>(1)</u>	56	D	\$ 30.79	4,085	D

Stock							
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	50	D	\$ 30.78	4,035	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	24	D	\$ 30.77	4,011	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	5	D	\$ 30.76	4,006	D
Applied Biosystems Group Common Stock	05/02/2007	S <u>(1)</u>	6	D	\$ 30.75	4,000	D
Celera Group Common Stock Units						9,898.94	D
Group Common	05/02/2007	М	150	А	\$ 6.5525		D D
Group Common Stock Units Celera Group Common	05/02/2007	M S <u>(1)</u>	150 9	A D	\$ 6.5525 \$ 14.37		
Group Common Stock Units Celera Group Common Stock Celera Group Common						150	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 formSEC 1474
(9-02)

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. Transactic Code (Instr. 8)	5. Number owf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerci Expiration Dat (Month/Day/Y	ie	Underlying Sec	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Applied Biosystems Group Director Stock Options-Right to Buy	\$ 16.0728	05/02/2007		М	600	10/20/1999	10/16/2007	Applied Biosystems Group Common Stock	60
Celera Group Director Stock Options-Right to Buy	\$ 6.5525	05/02/2007		М	150	10/20/1999	10/16/2007	Celera Group Common Stock	15

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SMITH ORIN R APPLERA CORPORATION 301 MERRITT 7 NORWALK, CT 06851-1070	Х						
Signatures							

/s/ Thomas P. Livingston, Attorney-in-Fact for Orin R. Smith

**Signature of Reporting Person

05/04/2007 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) 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, 2007.

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.