FORM 4

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

OMB APPROVAL
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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 or Section 30(h) of the Investment Company Act of 1940

(Print or Typ	•			Ι.,	•	. ,		m: 1			~ 1			5 Do	lationshi	n of Ponorti	ing Parsan(s)	to Issuer		
1. Name and Address of Reporting Person *- WEATHERBEE JAMES A				2. Issuer Name and Ticker or Trading Symbol TECHNE CORP /MN/ [Tech]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner							
(Last) (First) (Middle) 614 MCKINNEY PL N.E., C/O R&D SYSTEMS				3. Date of Earliest Transaction (Month/Day/Year) 07/09/2004									X Officer (give title below) Other (specify below) Chief Scientific Officer							
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) X_Form filed by One Reporting Person											Line)					
MINNEA	POLIS, M	N 55413															Reporting Person	ı		
(City))	(State)	(Zip)				Ta	ble I	- Non-	Deriva	ative S	ecurities	Acqui	ired, l	Disposed	of, or Ben	eficially Owi	ıed		
(Instr. 3)		2. Transaction Date (Month/Day/Year		2A. Deemed Execution Datany (Month/Day/Y		ate, if	(Instr. 8)		(A)		A) or Disposed of start. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)			Ownership Form: Direct (D) or Indirect		neficial nership		
								Co	de	V A	mount	(A) or (D)	Price					(I) (Instr. 4)		
Common	Stock													3,61	1			D		
Common	Stock													63,3	92			I	By spc	ouse
Common Stock														37,5	98			I	By bor pla	
Common Stock														38,2	98			I	boi pla	stock nus n for
Reminder: F	Report on a s	eparate line for eacl	n class of securitie Table II -	- De	rivative	Sec	curities	s Acq	Pe co for uired,	erson: ontain rm di: Dispo	s who ed in splays	this forr s a curre , or Bene	n are ently v ficially	not r /alid	equired OMB co	of inform to respor entrol num	nd unless th		1474	4 (9-02)
1. Title of	2.	3. Transaction	3A. Deemed		z., puts<u>,</u> 4 .	call			6. Dat			ole securi e and		le and	<u> </u>	8. Price of	9. Number o	of 10.		11. Natur
Derivative Security (Instr. 3)	Conversion		Execution Date,	if	Transac Code			ative ities ired sed 3, 4,	Expira (Mont	ation I			7. Title and Amount of Underlying Securities (Instr. 3 and 4)				Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form of Derivat Securit Direct of	ship f ive y: (D) rect	of Indirec Beneficia Ownershi (Instr. 4)
					Code	V	(A)	(D)		isable		iration e	Title		Amount or Number of Shares					
Employee stock option	\$ 40.47	07/09/2004			A		1,126	5	07/09	9/200	4 07/	08/2011	Com Sto		1,126	\$ 0	1,126	I		By spouse
Employee stock option	\$ 37.011								12/01	1/200	3 11/	30/2010	Com Sto		8,333		8,333	I		By spouse
Employee stock option	\$ 37.011								12/01	1/200	4 11/	30/2010	Com Sto	mon ock	8,333		8,333	I		By spouse
Employee stock option	\$ 37.011								12/01	1/200	5 11/	30/2010	Com Sto	mon ock	8,334		8,334	I		By spouse
Employee stock option	\$ 33.85								08/14	4/200	3 08/	13/2010	Com Sto		1,088		1,088	I		By spouse
Employee stock option	\$ 28.22								07/01	1/200	2 06/	30/2009	Com Sto		1,400		1,400	I		By spouse
Employee stock option	\$ 32.50								07/01	1/200	1 06/	30/2008	Com Sto		1,226		1,226	I		By spouse
Employee																				

stock option	\$ 65				07/01/2000	06/30/2007	Common Stock	554	554		By spouse
Employee stock option	\$ 12.6875				07/01/1999	06/30/2006	Common Stock	2,600	2,600		By spouse
Employee stock option	\$ 9.5312				07/01/1998	06/30/2005	Common Stock	3,148	3,148		By spouse
Employee stock option	\$ 7.375				08/15/1997	08/15/2004	Common Stock	3,600	3,600		By spouse
Employee stock option	\$ 7.375				08/15/1997	08/15/2004	Common Stock	2,520	2,520	D	

Reporting Owners

Donation Community (Addison	Relationships									
Reporting Owner Name / Address	Director	10% Owner	Officer	Other						
WEATHERBEE JAMES A										
614 MCKINNEY PL N.E.		Chief Scientific C								
C/O R&D SYSTEMS			Cinei Scientific Officei							
MINNEAPOLIS, MN 55413										

Signatures

James Weatherbee	07/12/2004
**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).

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.