FORM 4

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

OMB APPROVAL					
OMB Number: 3235-0287					
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ours per response)	0.5			

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

	pe Response																	
	Name and Address of Reporting Person * ARXE AUSTIN W & GREENHOUSE AVID M 2. Issuer Name and T TEGAL CORP /DE								mbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner Officer (give title below) Other (specify below)							
			(Middle IS FUNDS, 52 FE 2600	_	3. Date of Ea 05/19/2010		t Transa	ection	n (Month/Da	y/Yeai	:)							
NEW YO	PRK, NY 1	(Street) 0022			4. If Amendment, Date Original File				nal Filed(Mont	th/Day/Y	_X_ Form filed by C			r Joint/Group Filing(Check Applicable Line) One Reporting Person More than One Reporting Person				
(City)	(State)	(Zip)			Ta	ble I - N	lon-	Derivative S	ecurit	ies Acqu	ired, Dispo	osed of, or l	Beneficia	illy Ow	ned		
(Instr. 3) Date (Month/Day/Year)		Execution Execution any	ecution Date, if		Code		4. Securities Acquired (A or Disposed of (D) (Instr. 3, 4 and 5)) ` ´	Beneficially Owned Following Reported Transaction(s)		Owners Form: Direct						
							Code	V	Amount	(A) or (D)	Price	(msu. 3 ai	(I)		(I)	or Indirect (Instr. 4) I) Instr. 4)		
Common	Stock		05/19/2010				S		1,142,015 (2)	D	\$ 0.9003 (1)	0 (2)			I (2)		imited nerships	
Reminder: indirectly.	Report on a	separate li	ne for each class	of secur	ities benefici	ally	owned (direc	tly or									
								ď	Persons who contained in the form dis	n this	form a	re not req	uired to re	spond	unless	SEC	1474 (9- 02)	
			Tab		erivative Sec g., puts, call								l				1	
	Derivative Conversion Date Gecurity or Exercise (Month		th/Day/Year) any		4. Transaction Code Year) (Instr. 8)		n of		6. Date Exercisable and Expiration Date (Month/Day/Year)		te Am Un Sec	Fitle and nount of derlying curities str. 3 and	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	ve (es II ally II significant decision(s) (10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	(Instr. 4)	
							4, and	5)				Amount						

Reporting Owners

	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022		X					

Signatures

Austin W. Marxe	05/19/2010
**Signature of Reporting Person	Date
David M. Greenhouse	05/19/2010
**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).
- (1) This is a weighted average price.
 - This is a joint filing by Austin W. Marxe (Marxe) & David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Technology Fund, L.P. (Cay), Special Situations Private Equity Fund, L.P. (PE), Special Situations Technology Fund,
- (2) LP (Tech) & Special Situations Technology II, Fund, L.P. (Tech II), respectively. 0 shares of CS are held by QP, 0 shares of CS are held by Cay, 0 shares of CS are held by PE, 0 shares of CS are held by Tech & 0 shares of CS are held by Tech II. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, Cay, PE, Tech, and Tech II is limited to the extent of his pecuniary interest.

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.