

FORM 4

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

OMB APPROVAL	
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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 Type Responses)

1. Name and Address of Reporting Person MARXE AUSTIN W & GREENHOUSE DAVID M (Last) (First) (Middle) 153 E 53RD ST, 55TH FL (Street) NEW YORK, NY 10022 (City) (State) (Zip)		2. Issuer Name and Ticker or Trading Symbol TEGAL CORP /DE/ [TGAL]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ X _____ 10% Owner Officer (give title below) _____ Other (specify below)	
		3. Date of Earliest Transaction (Month/Day/Year) 12/03/2003			
		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 Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)				Price
Common Stock	12/03/2003		S		32,000	D	\$ 2.6053	7,780,109	I	By Limited Partnerships
Common Stock	12/04/2003		S		147,000 (1)	D	\$ 2.6674	7,633,109 (1)	I (1)	By Limited Partnerships (1)

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

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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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Convertible Bonds	\$ 0.35	12/03/2003		C		11,200		07/01/2003	06/30/2011	Common Stock	32,000	\$ 0.35	2,223,045	I	By Limited Partnerships
Convertible Bonds	\$ 0.35	12/04/2003		C		47,345		07/01/2003	06/30/2011	Common Stock	135,271	\$ 0.35	2,175,700	I	By Limited Partnerships
Convertible Bonds	\$ 0.35	12/04/2003		C		4,105		09/10/2003	09/09/2011	Common Stock	11,729	\$ 0.35	2,171,595	I	By Limited Partnerships

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MARXE AUSTIN W & GREENHOUSE DAVID M 153 E 53RD ST 55TH FL NEW YORK, NY 10022		X		

Signatures

Austin W. Marxe		12/05/2003
**Signature of Reporting Person		Date
David M. Greenhouse		12/05/2003
**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).

This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Private Equity Fund, LP (PE), Special Situations Technology Fund, L.P. (Tech) and Special Situations Technology II, L.P. (Tech II), respectively. 1,303,755 Bond Cvt for 3,725,014 Common Shares

(1) & 857,131 Wts are held by PE, 141,707 Bonds Cvt for 404,877 Common Shares & 93,515 Wts are held by Tech and 726,133 Bonds Cvt for 2,074,665 Common Shares & 477,906 Wts are held by Tech II. The interest of Marx and Greenhouse in the above shares owned by 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.

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