

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

FORM 8-K

CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): July 6, 2005

Tegal Corporation

(Exact name of Registrant as Specified in its Charter)

Delaware
(State or other jurisdiction
of incorporation)

000-26824
(Commission
File Number)

68-0370244
(I.R.S. Employer
Identification No.)

2201 South McDowell Boulevard
Petaluma, California 94954
(Address of Principal Executive Offices)

(707) 763-5600
(Registrant's telephone number, including area code)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 1.01. Entry into a Material Definitive Agreement

Item 3.02 is incorporated by reference herein.

Item 3.02. Unregistered Sales of Equity Securities

Effective July 6, 2005, Tegal Corporation., a Delaware corporation (the "Company") entered into a Purchase Agreement (the "Purchase Agreement") pursuant to which the Company plans to sell unregistered shares of its common stock, par value \$0.01 per share ("Common Stock"), and warrants ("Warrants") exercisable for Common Stock to the investors identified in the Purchase Agreement (the "Investors"). At the Initial Closing (as defined below), the Company will enter into a Registration Rights Agreement (the "Registration Rights Agreement") with the Investors. The Company will pay a placement fee to Dahlman Rose & Company LLC, the Company's financial advisor, in the amount of 7% the Company's gross proceeds. All of the securities will be sold in a private placement pursuant to Regulation D of the Securities Act of 1933, as amended (the "Act"), solely to accredited investors, as defined in Rule 501 of the Act. The Company issued a press release on July 11, 2005, attached hereto as Exhibit 99.1 and incorporated herein by reference, regarding the transaction described in this report. Set forth below is a brief description of the terms and conditions of the Purchase Agreement, the Registration Rights Agreement and the Warrants, which description is qualified in its entirety by reference to the full text of the underlying documents which have been filed as exhibits hereto.

Purchase Agreement. Pursuant to the Purchase Agreement, the Company agreed to sell approximately 6.3 million shares of Common Stock and Warrants exercisable for up to approximately 3.15 million additional shares of Common Stock for aggregate gross cash proceeds of approximately \$4.1 million at an initial closing expected to occur on or about July 12, 2005 (the "Initial Closing"). In addition, subject to stockholder approval, the Company agreed to sell approximately 28.3 million additional shares of Common Stock and Warrants exercisable for up to approximately 14.2 million additional shares of Common Stock for aggregate gross cash proceeds of approximately \$18.4 million at a second closing expected to occur after the Company's annual stockholder meeting currently scheduled to be held on September 13, 2005. The Common Stock sold pursuant to the Purchase Agreement (the "Shares"), the Warrants and the shares of Common Stock issuable upon exercise of the Warrants (the "Warrant Shares") will be restricted securities as that term is defined in the Act.

Registration Rights Agreement. Pursuant to the Registration Rights Agreement, the Company will agree to file with the Securities and Exchange Commission a registration statement covering resales of the Shares and Warrant Shares. The fees and expenses of such registration will be borne by the Company, and the Registration Rights Agreement will include customary indemnification provisions.

Warrants. The Warrant issued to each Investor is exercisable for up to 50% of the number of shares of Common Stock purchased by such Investor pursuant to the Purchase Agreement at an exercise price of \$1.00 per share. The exercise price and number of shares issuable upon exercise of the Warrants are subject to adjustment in the event of stock dividends, stock splits, dilutive issuances and other similar events. The Warrants have a term of five years, are be fully exercisable from the date of issuance, and may be exercised on a cashless basis under specified conditions.

Item 9.01. Financial Statements and Exhibits

(c) *Exhibits.*

<u>Exhibit No.</u>	<u>Description</u>
4.1	Form of Purchase Agreement
4.2	Form of Warrant to purchase Common Stock
4.3	Form of Registration Rights Agreement
99.1	Press Release dated July 11, 2005

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: July 11, 2005

TEGAL CORPORATION
By: /s/ Thomas R. Mika
Name: Thomas R. Mika
Title: Chief Executive Officer

EXHIBIT INDEX

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PURCHASE AGREEMENT

THIS PURCHASE AGREEMENT (“Agreement”) is made as of the 6th day of July, 2005 by and among Tegal Corporation, a Delaware corporation (the “Company”), and the Investors set forth on the signature pages affixed hereto (each an “Investor” and collectively the “Investors”).

Recitals

A. The Company and the Investors are executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by the provisions of Regulation D (“Regulation D”), as promulgated by the U.S. Securities and Exchange Commission (the “SEC”) under the Securities Act of 1933, as amended; and

B. The Investors wish to purchase from the Company, and the Company wishes to sell and issue to the Investors, upon the terms and conditions stated in this Agreement, (i) an aggregate of 34,615,385 shares (the “Shares”) of the Company’s Common Stock, par value \$0.01 per share (together with any securities into which such shares may be reclassified the “Common Stock”), at purchase price of \$0.65 per share, and (ii) warrants to purchase an aggregate of 17,307,692 shares of Common Stock (subject to adjustment) at an exercise price of \$1.00 per share (subject to adjustment) in the form attached hereto as Exhibit A (the “Warrants”); and

C. Subject to the terms and conditions set forth herein, (i) 6,300,000 shares of Common Stock (the “Initial Shares”) and Warrants to purchase an aggregate of 3,150,000 shares of Common Stock (subject to adjustment) (the “Initial Warrants” and, collectively with the Initial Shares, the “Initial Securities”) will be issued and sold to the Investors on the First Closing Date (as defined below) for an aggregate purchase price of \$4,095,000 (the “Initial Purchase Price”).

D. Subject to the terms and conditions set forth herein, (i) 28,315,385 shares of Common Stock (the “Remaining Shares”) and Warrants to purchase an aggregate of 14,157,692 shares of Common Stock (subject to adjustment) (the “Remaining Warrants” and, collectively with the Remaining Shares, the “Remaining Securities”) will be issued and sold to the Investors on the Second Closing Date (as defined below) for an aggregate purchase price of \$18,405,000 (the “Remaining Purchase Price”).

E. Contemporaneous with the sale of the Initial Shares and the Initial Warrants, the parties hereto will execute and deliver a Registration Rights Agreement, in the form attached hereto as Exhibit B (the “Registration Rights Agreement”), pursuant to which the Company will agree to provide certain registration rights under the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder, and applicable state securities laws.

In consideration of the mutual promises made herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Definitions. In addition to those terms defined above and elsewhere in this Agreement, for the purposes of this Agreement, the following terms shall have the meanings set forth below:

“Affiliate” means, with respect to any Person, any other Person which directly or indirectly through one or more intermediaries Controls, is controlled by, or is under common control with, such Person.

“Business Day” means a day, other than a Saturday or Sunday, on which banks in New York City are open for the general transaction of business.

“Company’s Knowledge” means the actual knowledge of the executive officers (as defined in Rule 405 under the 1933 Act) of the Company, after due inquiry.

“Confidential Information” means trade secrets, confidential information and know-how (including but not limited to ideas, formulae, compositions, processes, procedures and techniques, research and development information, computer program code, performance specifications, support documentation, drawings, specifications, designs, business and marketing plans, and customer and supplier lists and related information).

“Control” (including the terms “controlling”, “controlled by” or “under common control with”) means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract or otherwise.

“Effective Date” means the date on which the initial Registration Statement is declared effective by the SEC.

“Effectiveness Deadline” means the date on which the initial Registration Statement is required to be declared effective by the SEC under the terms of the Registration Rights Agreement.

“Initial Warrant Shares” means the shares of Common Stock issuable upon the exercise of the Initial Warrants.

“Intellectual Property” means all of the following: (i) patents, patent applications, patent disclosures and inventions (whether or not patentable and whether or not reduced to practice); (ii) trademarks, service marks, trade dress, trade names, corporate names, logos, slogans and Internet domain names, together with all goodwill associated with each of the foregoing; (iii) copyrights and copyrightable works; (iv) registrations, applications and renewals for any of the foregoing; and (v) proprietary computer software (including but not limited to data, data bases and documentation).

“Material Adverse Effect” means a material adverse effect on (i) the assets, liabilities, results of operations, condition (financial or otherwise), business, or prospects of the Company and its Subsidiaries taken as a whole (excluding any reduction in the trading price of the Common Stock occurring as a result of the announcement or consummation of the transactions contemplated hereby), or (ii) the ability of the Company to perform its obligations under the Transaction Documents.

“Nasdaq” means The Nasdaq Stock Market, Inc.

“Permitted Liens” means (i) mechanics’, carriers’, or workmen’s, repairmen’s or similar liens arising or incurred in the ordinary course of business, (ii) liens for taxes, assessments and other governmental charges that are not due and payable or which may hereafter be paid without penalty or which are being contested in good faith by appropriate proceedings and (iii) other imperfections of title or encumbrances, if any, that do not, individually or in the aggregate, materially impair the use or value of the property to which they relate.

“Person” means an individual, corporation, partnership, limited liability company, trust, business trust, association, joint stock company, joint venture, sole proprietorship, unincorporated organization, governmental authority or any other form of entity not specifically listed herein.

“Proposal” has the meaning set forth in Section 7.9.

“SEC Filings” has the meaning set forth in Section 4.6.

“Registration Statement” has the meaning set forth in the Registration Rights Agreement.

“Remaining Warrant Shares” means the shares of Common Stock issuable upon the exercise of the Remaining Warrants.

“Securities” means the Initial Securities and the Remaining Securities.

“Subsidiary” of any Person means another Person, an amount of the voting securities, other voting ownership or voting partnership interests of which is sufficient to elect at least a majority of its Board of Directors or other governing body (or, if there are no such voting interests, 50% or more of the equity interests of which) is owned directly or indirectly by such first Person.

“Transaction Documents” means this Agreement, the Warrants and the Registration Rights Agreement.

“Warrant Shares” means the shares of Common Stock issuable upon the exercise of the Warrants.

“1933 Act” means the Securities Act of 1933, as amended, or any successor statute, and the rules and regulations promulgated thereunder.

“1934 Act” means the Securities Exchange Act of 1934, as amended, or any successor statute, and the rules and regulations promulgated thereunder.

2. Purchase and Sale of the Shares and Warrants.

(a) Subject to the terms and conditions of this Agreement, on the First Closing Date, each of the Investors shall severally, and not jointly, purchase, and the Company shall sell and issue to the Investors, the Initial Shares and the Initial Warrants in the respective amounts set forth opposite the Investors’ names on the signature pages attached hereto in exchange for the Initial Purchase Price as specified in Section 3(a) below.

(b) Subject to the terms and conditions of this Agreement, on the Second Closing Date, each of the Investors shall severally, and not jointly, purchase, and the Company shall sell and issue to the Investors, the Remaining Shares and the Remaining Warrants in the respective amounts set forth opposite the Investors’ names on the signature pages attached hereto in exchange for the Remaining Purchase Price as specified in Section 3(b) below.

3. Closing.

(a) Upon confirmation that the other conditions to the First Closing specified herein have been satisfied or duly waived by the Investors, the Company shall deliver to Lowenstein Sandler PC, in trust, a certificate or certificates, registered in such name or names as the Investors may designate, representing the Initial Shares and the Initial Warrants, with instructions that such certificates are to be held for release to the Investors only upon payment in full of the Initial Purchase Price to the Company by all the Investors. Upon such receipt by Lowenstein Sandler PC of the certificates, each Investor shall promptly, but no more than one Business Day thereafter, cause a wire transfer in same day funds to be sent to the account of the Company as instructed in writing by the Company, in an amount representing such Investor’s pro rata portion of the Initial Purchase Price as set forth on the signature pages to this Agreement. On the date (the “First Closing Date”) the Company receives the Initial Purchase Price, the certificates evidencing the Initial Shares and the Initial Warrants shall be released to the Investors (the “First Closing”). The First Closing shall take place at the offices of Lowenstein Sandler PC, 1251 Avenue of the Americas, 18th Floor, New York, New York 10020, or at such other location and on such other date as the Company and the Investors shall mutually agree.

(b) Upon confirmation that the other conditions to the Second Closing specified herein have been satisfied or duly waived by the Investors, the Company shall deliver to Lowenstein Sandler PC, in trust, a certificate or certificates, registered in such name or names as the Investors may designate, representing the Remaining Shares and the Remaining Warrants, with instructions that such certificates are to be held for release to the Investors only upon payment in full of the Remaining Purchase Price to the Company by all the Investors. Upon such receipt by Lowenstein Sandler PC of the certificates, each Investor shall promptly, but no more than one Business Day thereafter, cause a wire transfer in same day funds to be sent to the account of the Company as instructed in writing by the Company, in an amount representing such Investor’s pro rata portion of the Remaining Purchase Price as set forth on the signature pages to this Agreement. On the

date (the “Second Closing Date”) the Company receives the Second Purchase Price, the certificates evidencing the Remaining Shares and the Remaining Warrants shall be released to the Investors (the “Second Closing”). The Second Closing shall take place at the offices of Lowenstein Sandler PC, 1251 Avenue of the Americas, 18th Floor, New York, New York 10020, or at such other location and on such other date as the Company and the Investors shall mutually agree.

4. Representations and Warranties of the Company. The Company hereby represents and warrants to the Investors that, except as set forth in the schedules delivered herewith (collectively, the “Disclosure Schedules”):

4.1 Organization, Good Standing and Qualification. Each of the Company and its Subsidiaries is a corporation duly organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation and has all requisite corporate power and authority to carry on its business as now conducted and to own its properties. Each of the Company and its Subsidiaries is duly qualified to do business as a foreign corporation and is in good standing in each jurisdiction in which the conduct of its business or its ownership or leasing of property makes such qualification or leasing necessary unless the failure to so qualify has not had and would not reasonably be expected to have a Material Adverse Effect. The Company’s Subsidiaries are listed on Schedule 4.1 hereto.

4.2 Authorization. The Company has full corporate power and authority and, except for approval of the Proposal by its stockholders as contemplated in Section 7.9, has taken all requisite action on the part of the Company, its officers, directors and stockholders necessary for (i) the authorization, execution and delivery of the Transaction Documents, (ii) the authorization of the performance of all obligations of the Company hereunder or thereunder, and (iii) the authorization, issuance (or reservation for issuance) and delivery of the Securities. The Transaction Documents constitute the legal, valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability, relating to or affecting creditors’ rights generally.

4.3 Capitalization. Schedule 4.3 sets forth as of the date hereof (a) the authorized capital stock of the Company; (b) the number of shares of capital stock issued and outstanding; (c) the number of shares of capital stock issuable pursuant to the Company’s stock plans; and (d) the number of shares of capital stock issuable and reserved for issuance pursuant to securities (other than the Securities) exercisable for, or convertible into or exchangeable for any shares of capital stock of the Company. All of the issued and outstanding shares of the Company’s capital stock have been duly authorized and validly issued and are fully paid, nonassessable and free of pre-emptive rights and were issued in full compliance with applicable state and federal securities law and any rights of third parties. Except as described on Schedule 4.3, all of the issued and outstanding shares of capital stock of each Subsidiary have been duly authorized and validly issued and are fully paid, nonassessable and free of pre-emptive rights, were issued in full compliance with applicable state and federal securities law and any rights of third parties and are owned by the Company, beneficially and of record, subject to no lien, encumbrance or other adverse claim. Except as described on Schedule 4.3, no Person is entitled to pre-emptive or similar statutory or contractual rights with respect to any securities of the Company. Except as described on Schedule 4.3, there are no outstanding warrants, options, convertible securities or other rights, agreements or arrangements of any character under which the Company or any of its Subsidiaries is or may be obligated to issue any equity securities of any kind and except as contemplated by this Agreement, neither the Company nor any of its Subsidiaries is currently in negotiations for the issuance of any equity securities of any kind. Except as described on Schedule 4.3 and except for the Registration Rights Agreement, there are no voting agreements, buy-sell agreements, option or right of first purchase agreements or other agreements of any kind among the Company and any of the securityholders of the Company relating to the securities of the Company held by them. Except as described on Schedule 4.3 and except as provided in the Registration Rights Agreement, no Person has the right to require the Company to register any securities of the Company under the 1933 Act, whether on a demand basis or in connection with the registration of securities of the Company for its own account or for the account of any other Person.

Except as described on Schedule 4.3, the issuance and sale of the Securities hereunder will not obligate the Company to issue shares of Common Stock or other securities to any other Person (other than the Investors) and will not result in the adjustment of the exercise, conversion, exchange or reset price of any outstanding security.

Except as described on Schedule 4.3, the Company does not have outstanding stockholder purchase rights or “poison pill” or any similar arrangement in effect giving any Person the right to purchase any equity interest in the Company upon the occurrence of certain events.

4.4 Valid Issuance. The Shares have been duly and validly authorized and, when issued and paid for pursuant to this Agreement, will be validly issued, fully paid and nonassessable, and shall be free and clear of all encumbrances and restrictions (other than those created by the Investors), except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws. The Warrants have been duly and validly authorized. Upon the due exercise of the Warrants, the Warrant Shares will be validly issued, fully paid and non-assessable free and clear of all encumbrances and restrictions, except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws and except for those created by the Investors. The Company has reserved a sufficient number of shares of Common Stock for issuance upon the exercise of the Warrants, free and clear of all encumbrances and restrictions, except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws and except for those created by the Investors.

4.5 Consents. Except for approval of the Proposal by its stockholders as contemplated in Section 7.9, the execution, delivery and performance by the Company of the Transaction Documents and the offer, issuance and sale of the Securities require no consent of, action by or in respect of, or filing with, any Person, governmental body, agency, or official other than filings that have been made pursuant to applicable state securities laws and post-sale filings pursuant to applicable state and federal securities laws which the Company undertakes to file within the applicable time periods. Subject to the accuracy of the representations and warranties of each Investor set forth in Section 5 hereof, the Company has taken all action necessary to exempt (i) the issuance and sale of the Securities, (ii) the issuance of the Warrant Shares upon due exercise of the Warrants, and (iii) the other transactions contemplated by the Transaction Documents from the provisions of any stockholder rights plan or other “poison pill” arrangement, any anti-takeover, business combination or control share law or statute binding on the Company or to which the Company or any of its assets and properties may be subject and any provision of the Company’s Certificate of Incorporation or Bylaws that is or could reasonably be expected to become applicable to the Investors as a result of the transactions contemplated hereby, including without limitation, the issuance of the Securities and the ownership, disposition or voting of the Securities by the Investors or the exercise of any right granted to the Investors pursuant to this Agreement or the other Transaction

Documents.

4.6 Delivery of SEC Filings. The Company has made available to the Investors through the EDGAR system, true and complete copies of the Company's most recent Annual Report on Form 10-K for the fiscal year ended March 31, 2004 (the "10-K"), and all other reports filed by the Company pursuant to the 1934 Act since the filing of the 10-K and prior to the date hereof (collectively, the "SEC Filings"). The SEC Filings are the only filings required of the Company pursuant to the 1934 Act for such period.

4.7 Use of Proceeds. The net proceeds of the sale of the Shares and the Warrants hereunder shall be used by the Company for working capital and general corporate purposes.

4.8 No Material Adverse Change. Since March 31, 2004, except as identified and described in the SEC Filings or as described on Schedule 4.8, there has not been:

(i) any change in the consolidated assets, liabilities, financial condition or operating results of the Company from that reflected in the financial statements included in the Company's Quarterly Report on Form 10-Q for the quarter ended December 31, 2004, except for changes in the ordinary course of business which have not had and would not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate;

(ii) any declaration or payment of any dividend, or any authorization or payment of any distribution, on any of the capital stock of the Company, or any redemption or repurchase of any securities of the Company;

(iii) any material damage, destruction or loss, whether or not covered by insurance to any assets or properties of the Company or its Subsidiaries;

(iv) any waiver, not in the ordinary course of business, by the Company or any Subsidiary of a material right or of a material debt owed to it;

(v) any satisfaction or discharge of any lien, claim or encumbrance or payment of any obligation by the Company or a Subsidiary, except in the ordinary course of business and which is not material to the assets, properties, financial condition, operating results or business of the Company and its Subsidiaries taken as a whole (as such business is presently conducted and as it is proposed to be conducted);

(vi) any change or amendment to the Company's Certificate of Incorporation or Bylaws, or material change to any material contract or arrangement by which the Company or any Subsidiary is bound or to which any of their respective assets or properties is subject;

(vii) any material labor difficulties or labor union organizing activities with respect to employees of the Company or any Subsidiary;

(viii) any material transaction entered into by the Company or a Subsidiary other than in the ordinary course of business;

(ix) the loss of the services of any key employee, or material change in the composition or duties of the senior management of the Company or any Subsidiary;

(x) the loss or threatened loss of any customer which has had or would reasonably be expected to have a Material Adverse Effect; or

(xi) any other event or condition of any character that has had or would reasonably be expected to have a Material Adverse Effect.

4.9 SEC Filings: S-3 Eligibility.

(a) At the time of filing thereof, the SEC Filings complied as to form in all material respects with the requirements of the 1934 Act and did not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in the light of the circumstances under which they were made, not misleading.

(b) Each registration statement and any amendment thereto filed by the Company since January 1, 2002 pursuant to the 1933 Act and the rules and regulations thereunder, as of the date such statement or amendment became effective, complied as to form in all material respects with the 1933 Act and did not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements made therein not misleading; and each prospectus filed pursuant to Rule 424(b) under the 1933 Act, as of its issue date and as of the closing of any sale of securities pursuant thereto did not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order to make the statements made therein, in the light of the circumstances under which they were made, not misleading.

(c) The Company is eligible to use Form S-3 to register the resale of the Registrable Securities (as such term is defined in the Registration Rights Agreement) by the Investors as contemplated by the Registration Rights Agreement.

4.10 No Conflict, Breach, Violation or Default. Subject to the approval of the Proposal by its stockholders as contemplated in Section 7.9, the execution, delivery and performance of the Transaction Documents by the Company and the issuance and sale of the Securities will not conflict with or result in a breach or violation of any of the terms and provisions of, or constitute a default under (i) the Company's Certificate of Incorporation or the Company's Bylaws, both as in effect on the date hereof (true and complete copies of which have been made available to the Investors through the EDGAR system), or (ii)(a) any statute, rule, regulation or order of any governmental agency or body or any court, domestic or foreign, having jurisdiction over the Company, any Subsidiary or any of their respective assets or properties, or (b) any agreement or instrument to which the Company or any Subsidiary is a party or by which the Company or a Subsidiary is bound or to which any of their respective assets or properties is subject, other than a conflict, breach or default that would not reasonably be expected to have a Material Adverse Effect.

4.11 Tax Matters. The Company and each Subsidiary has timely prepared and filed all tax returns required to have been filed by

the Company or such Subsidiary with all appropriate governmental agencies and timely paid all taxes shown thereon or otherwise owed by it, except as would not reasonably be expected to have a Material Adverse Effect. The charges, accruals and reserves on the books of the Company in respect of taxes for all fiscal periods are adequate in all material respects, and there are no material unpaid assessments against the Company or any Subsidiary. All taxes and other assessments and levies that the Company or any Subsidiary is required to withhold or to collect for payment have been duly withheld and collected and paid to the proper governmental entity or third party when due. There are no tax liens or claims pending or, to the Company's Knowledge, threatened against the Company or any Subsidiary or any of their respective assets or property, other than Permitted Liens. Except as described on Schedule 4.11, there are no outstanding tax sharing agreements or other such arrangements between the Company and any Subsidiary or other corporation or entity.

4.12 Title to Properties. Except as disclosed in the SEC Filings, the Company and each Subsidiary has good and marketable title to all properties and assets owned by it, in each case free from liens, encumbrances and defects, other than Permitted Liens; and except as disclosed in the SEC Filings, the Company and each Subsidiary holds any leased real or personal property under valid and enforceable leases with no exceptions that would materially interfere with the use made or currently planned to be made thereof by them.

4.13 Certificates, Authorities and Permits. The Company and each Subsidiary possess adequate certificates, authorities or permits issued by appropriate governmental agencies or bodies necessary to conduct the business now operated by it, except as would not reasonably be expected to have a Material Adverse Effect, and neither the Company nor any Subsidiary has received any written notice of proceedings relating to the revocation or modification of any such certificate, authority or permit that, if determined adversely to the Company or such Subsidiary, would reasonably be expected to have a Material Adverse Effect, individually or in the aggregate.

4.14 Labor Matters.

(a) Except as set forth on Schedule 4.14, the Company is not a party to or bound by any collective bargaining agreements or other agreements with labor organizations. The Company has not violated in any material respect any laws, regulations, orders or contract terms, affecting the collective bargaining rights of employees, labor organizations or any laws, regulations or orders affecting employment discrimination, equal opportunity employment, or employees' health, safety, welfare, wages and hours.

(b) (i) There are no labor disputes existing, or to the Company's Knowledge, threatened, involving strikes, slow-downs, work stoppages, job actions, disputes, lockouts or any other disruptions of or by the Company's employees, (ii) there are no unfair labor practices or petitions for election pending or, to the Company's Knowledge, threatened before the National Labor Relations Board or any other federal, state or local labor commission relating to the Company's employees, (iii) no demand for recognition or certification heretofore made by any labor organization or group of employees is pending with respect to the Company and (iv) to the Company's Knowledge, the Company enjoys good labor and employee relations with its employees and labor organizations.

(c) The Company is in compliance in all material respects with all applicable laws respecting employment (including laws relating to classification of employees and independent contractors) and employment practices, terms and conditions of employment, wages and hours, and immigration and naturalization. There no claims are pending against the Company before the Equal Employment Opportunity Commission or any other administrative body or in any court asserting any violation of Title VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1967, 42 U.S.C. §§ 1981 or 1983 or any other federal, state or local Law, statute or ordinance barring discrimination in employment.

(d) Except as disclosed in the SEC Filings or as described on Schedule 4.14, the Company is not a party to, or bound by, any employment or other contract or agreement that contains any severance, termination pay or change of control liability or obligation, including, without limitation, any "excess parachute payment," as defined in Section 2806(b) of the Internal Revenue Code.

(e) Except as specified in Schedule 4.14, each of the Company's employees is a Person who is either a United States citizen or a permanent resident entitled to work in the United States. To the Company's Knowledge, the Company has no liability for the improper classification by the Company of such employees as independent contractors or leased employees prior to the Closing.

4.15 Intellectual Property.

(a) To the Company's Knowledge, all Intellectual Property of the Company and its Subsidiaries is valid and enforceable. No Intellectual Property owned by the Company or its Subsidiaries which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted has been or is now involved in any cancellation, dispute or litigation, and, to the Company's Knowledge, no such action is threatened. No issued patent owned by the Company or its Subsidiaries has been or is now involved in any interference, reissue, re-examination or opposition proceeding.

(b) All of the in-bound licenses and sublicenses and consent, royalty or other agreements concerning Intellectual Property which are necessary for the conduct of the Company's and each of its Subsidiaries' respective businesses as currently conducted to which the Company or any Subsidiary is a party (other than generally commercially available, non-custom, off-the-shelf software application programs having a retail acquisition price of less than \$10,000 per license) (collectively, "In-Bound License Agreements") are, to the Company's Knowledge, valid and binding obligations of the Company or its Subsidiaries, as the case may be, enforceable in accordance with their terms, except to the extent that enforcement thereof may be limited by bankruptcy, insolvency, reorganization, moratorium, fraudulent conveyance or other similar laws affecting the enforcement of creditors' rights generally, and, to the Company's Knowledge, neither the Company nor any of its Subsidiaries are, as of the date of this Agreement, in material breach of any of their respective obligations under any such In-Bound License Agreements.

(c) The Company and its Subsidiaries own or have the valid right to use all of the Intellectual Property that is necessary for the conduct of the Company's and each of its Subsidiaries' respective businesses as currently conducted and for the ownership, maintenance and operation of the Company's and its Subsidiaries' properties and assets, free and clear of all liens, encumbrances, adverse claims or, with respect to Intellectual Property owned by the Company or its Subsidiaries, obligations to license such Intellectual Property, other than licenses of the Intellectual Property owned by the Company or any Subsidiary that are entered into in the ordinary course of the Company's or its Subsidiaries' businesses. To the Company's Knowledge, the Company and its Subsidiaries have a valid and enforceable right to use

all third party Intellectual Property and Confidential Information used or held for use in the respective businesses of the Company and its Subsidiaries.

(d) To the Company's Knowledge, the conduct of the Company's and its Subsidiaries' businesses as currently conducted does not infringe or otherwise materially impair or conflict with (collectively, "Infringe") any Intellectual Property rights of any third party and, to the Company's Knowledge, the Intellectual Property owned by the Company and its Subsidiaries which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted are not being Infringed by any third party. There is no litigation or court order pending or outstanding or, to the Company's Knowledge, threatened or imminent, that seeks to limit or challenge or that concerns the ownership, use, validity or enforceability of any Intellectual Property owned by the Company or its Subsidiaries or the Company's and its Subsidiaries' use of any Intellectual Property owned by a third party, and, to the Company's Knowledge, there is no valid basis for the same.

(e) To the Company's Knowledge, the consummation of the transactions contemplated hereby and by the other Transaction Documents will not result in the (i) loss, material impairment of or material restriction on any of the Intellectual Property or Confidential Information owned by the Company or its Subsidiaries which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted or (ii) material breach of any In-Bound License Agreement.

(f) The Company and its Subsidiaries have taken reasonable steps to protect the Company's and its Subsidiaries' rights in their Intellectual Property and Confidential Information. Each employee, consultant and contractor who has had access to the Company's or its Subsidiaries' Confidential Information which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted has executed an agreement to maintain the confidentiality of such Confidential Information. To the Company's Knowledge, and except pursuant to a non-disclosure agreement entered into between the Company or any of its Subsidiaries and a third party in the ordinary course of business, there has been no material disclosure of any of the Company's or its Subsidiaries' Confidential Information to any third party.

4.16 Environmental Matters. Neither the Company nor any Subsidiary is in violation of any statute, rule, regulation, decision or order of any governmental agency or body or any court, domestic or foreign, relating to the use, disposal or release of hazardous or toxic substances or relating to the protection or restoration of the environment or human exposure to hazardous or toxic substances (collectively, "Environmental Laws"), owns or operates any real property contaminated with any substance that is subject to any Environmental Laws, is liable for any off-site disposal or contamination pursuant to any Environmental Laws, or is subject to any claim relating to any Environmental Laws, which violation, contamination, liability or claim has had or would reasonably be expected to have a Material Adverse Effect, individually or in the aggregate; and there is no pending or, to the Company's Knowledge, threatened investigation that might lead to such a claim.

4.17 Litigation. Except as described on Schedule 4.17, there are no pending actions, suits or proceedings against or affecting the Company, its Subsidiaries or any of its or their properties; and to the Company's Knowledge, no such actions, suits or proceedings are threatened or contemplated.

4.18 Financial Statements. The financial statements included in each SEC Filing present fairly, in all material respects, the consolidated financial position of the Company as of the dates shown and its consolidated results of operations and cash flows for the periods shown, and such financial statements have been prepared in conformity with United States generally accepted accounting principles applied on a consistent basis ("GAAP") (except as may be disclosed therein or in the notes thereto, and, in the case of quarterly financial statements, as permitted by Form 10-Q under the 1934 Act). Except as set forth in the financial statements of the Company included in the SEC Filings filed prior to the date hereof or as described on Schedule 4.18, neither the Company nor any of its Subsidiaries has incurred any liabilities, contingent or otherwise, except those incurred in the ordinary course of business, consistent (as to amount and nature) with past practices since the date of such financial statements, none of which, individually or in the aggregate, have had or could reasonably be expected to have a Material Adverse Effect.

4.19 Insurance Coverage. The Company and each Subsidiary maintains in full force and effect insurance coverage that is customary for comparably situated companies for the business being conducted and properties owned or leased by the Company and each Subsidiary.

4.20 Compliance with Nasdaq Continued Listing Requirements. The Company is in compliance with applicable Nasdaq continued listing requirements. There are no proceedings pending or, to the Company's Knowledge, threatened against the Company relating to the continued listing of the Common Stock on Nasdaq and the Company has not received any written notice of, nor to the Company's Knowledge is there any basis for, the delisting of the Common Stock from the Nasdaq SmallCap Market.

4.21 Brokers and Finders. No Person will have, as a result of the transactions contemplated by the Transaction Documents, any valid right, interest or claim against or upon the Company, any Subsidiary or an Investor for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of the Company, other than as described in Schedule 4.21.

4.22 No Directed Selling Efforts or General Solicitation. Neither the Company nor any Person acting on its behalf has conducted any general solicitation or general advertising (as those terms are used in Regulation D) in connection with the offer or sale of any of the Securities.

4.23 No Integrated Offering. Neither the Company nor any of its Affiliates, nor any Person acting on its or their behalf has, directly or indirectly, made any offers or sales of any Company security or solicited any offers to buy any security, under circumstances that would adversely affect reliance by the Company on Section 4(2) for the exemption from registration for the transactions contemplated hereby or would require registration of the Securities under the 1933 Act.

4.24 Private Placement. The offer and sale of the Securities to the Investors as contemplated hereby is exempt from the registration requirements of the 1933 Act.

4.25 Questionable Payments. Neither the Company nor any of its Subsidiaries nor, to the Company's Knowledge, any of their respective current or former directors, officers, employees, agents or other Persons acting on behalf of the Company or any Subsidiary, has on behalf of the Company or any Subsidiary or in connection with their respective businesses: (a) used any corporate funds for unlawful contributions, gifts, entertainment or other unlawful expenses relating to political activity; (b) made any direct or indirect unlawful payments to any governmental officials or employees from corporate funds; (c) established or maintained any unlawful or unrecorded fund of corporate monies or other assets; (d) made any false or fictitious entries on the books and records of the Company or any Subsidiary; or (e) made any unlawful bribe, rebate, payoff, influence payment, kickback or other unlawful payment of any nature.

4.26 Transactions with Affiliates. Except as disclosed in the SEC Filings or as disclosed on Schedule 4.26, none of the officers or directors of the Company and, to the Company's Knowledge, none of the employees of the Company is presently a party to any transaction with the Company or any Subsidiary (other than as holders of stock options and/or warrants, and for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, or otherwise requiring payments to or from any officer, director or such employee or, to the Company's Knowledge, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee or partner.

4.27 Internal Controls. The Company is in material compliance with the provisions of the Sarbanes-Oxley Act of 2002 currently applicable to the Company. The Company and the Subsidiaries maintain a system of internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company has established disclosure controls and procedures (as defined in 1934 Act Rules 13a-14 and 15d-14) for the Company and designed such disclosure controls and procedures to ensure that material information relating to the Company, including the Subsidiaries, is made known to the certifying officers by others within those entities, particularly during the period in which the Company's most recently filed period report under the 1934 Act, as the case may be, is being prepared. The Company's certifying officers have evaluated the effectiveness of the Company's controls and procedures as of the end of the period covered by the most recently filed periodic report under the 1934 Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the 1934 Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no significant changes in the Company's internal controls (as such term is defined in Item 307(b) of Regulation S-K) or, to the Company's Knowledge, in other factors that could significantly affect the Company's internal controls. The Company maintains and will continue to maintain a standard system of accounting established and administered in accordance with GAAP and the applicable requirements of the 1934 Act.

4.28 Disclosures. Neither the Company nor any Person acting on its behalf has provided the Investors or their agents or counsel with any information that constitutes or might constitute material, non-public information.

5. Representations and Warranties of the Investors. Each of the Investors hereby severally, and not jointly, represents and warrants to the Company that:

5.1 Organization and Existence. Such Investor is a validly existing corporation, limited partnership or limited liability company and has all requisite corporate, partnership or limited liability company power and authority to invest in the Securities pursuant to this Agreement.

5.2 Authorization. The execution, delivery and performance by such Investor of the Transaction Documents to which such Investor is a party have been duly authorized and will each constitute the valid and legally binding obligation of such Investor, enforceable against such Investor in accordance with their respective terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability, relating to or affecting creditors' rights generally.

5.3 Purchase Entirely for Own Account. The Securities to be received by such Investor hereunder will be acquired for such Investor's own account, not as nominee or agent, and not with a view to the resale or distribution of any part thereof in violation of the 1933 Act, and such Investor has no present intention of selling, granting any participation in, or otherwise distributing the same in violation of the 1933 Act without prejudice, however, to such Investor's right at all times to sell or otherwise dispose of all or any part of such Securities in compliance with applicable federal and state securities laws. Nothing contained herein shall be deemed a representation or warranty by such Investor to hold the Securities for any period of time. Such Investor is not a broker-dealer registered with the SEC under the 1934 Act or an entity engaged in a business that would require it to be so registered.

5.4 Investment Experience. Such Investor acknowledges that it can bear the economic risk and complete loss of its investment in the Securities and has such knowledge and experience in financial or business matters that it is capable of evaluating the merits and risks of the investment contemplated hereby.

5.5 Disclosure of Information. Such Investor has had an opportunity to receive all information related to the Company requested by it and to ask questions of and receive answers from the Company regarding the Company, its business and the terms and conditions of the offering of the Securities. Such Investor acknowledges receipt of copies of the SEC Filings. Neither such inquiries nor any other due diligence investigation conducted by such Investor shall modify, amend or affect such Investor's right to rely on the Company's representations and warranties contained in this Agreement.

5.6 Restricted Securities. Such Investor understands that the Securities are characterized as "restricted securities" under the U.S. federal securities laws inasmuch as they are being acquired from the Company in a transaction not involving a public offering and that under such laws and applicable regulations such securities may be resold without registration under the 1933 Act only in certain limited circumstances.

5.7 Legends. It is understood that, except as provided below, certificates evidencing the Securities may bear the following or any

similar legend:

(a) “The securities represented hereby may not be transferred unless (i) such securities have been registered for sale pursuant to the Securities Act of 1933, as amended, (ii) such securities may be sold pursuant to Rule 144(k), or (iii) the Company has received an opinion of counsel reasonably satisfactory to it that such transfer may lawfully be made without registration under the Securities Act of 1933 or qualification under applicable state securities laws.”

(b) If required by the authorities of any state in connection with the issuance of sale of the Securities, the legend required by such state authority.

5.8 Accredited Investor. Such Investor is an accredited investor as defined in Rule 501(a) of Regulation D, as amended, under the 1933 Act.

5.9 No General Solicitation. Such Investor did not learn of the investment in the Securities as a result of any public advertising or general solicitation.

5.10 Brokers and Finders. No Person will have, as a result of the transactions contemplated by the Transaction Documents, any valid right, interest or claim against or upon the Company, any Subsidiary or an Investor for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of such Investor.

5.11 Prohibited Transactions. During the last thirty (30) days prior to the date hereof, neither such Investor nor any Affiliate of such Investor which (x) had knowledge of the transactions contemplated hereby, (y) has or shares discretion relating to such Investor’s investments or trading or information concerning such Investor’s investments, including in respect of the Securities, or (z) is subject to such Investor’s review or input concerning such Affiliate’s investments or trading (collectively, “Trading Affiliates”) has, directly or indirectly, effected or agreed to effect any short sale, whether or not against the box, established any “put equivalent position” (as defined in Rule 16a-1(h) under the 1934 Act) with respect to the Common Stock, granted any other right (including, without limitation, any put or call option) with respect to the Common Stock or with respect to any security that includes, relates to or derived any significant part of its value from the Common Stock or otherwise sought to hedge its position in the Securities (each, a “Prohibited Transaction”). Prior to the earliest to occur of (i) the termination of this Agreement, (ii) the Effective Date or (iii) the Effectiveness Deadline, such Investor shall not, and shall cause its Trading Affiliates not to, engage, directly or indirectly, in a Prohibited Transaction. Such Investor acknowledges that the representations, warranties and covenants contained in this Section 5.11 are being made for the benefit of the Investors as well as the Company and that each of the other Investors shall have an independent right to assert any claims against such Investor arising out of any breach or violation of the provisions of this Section 5.11.

6. Conditions to Closing.

6.1 Conditions to the Investors’ Obligations — First Closing. The obligation of each Investor to purchase the Initial Shares and the Initial Warrants at the First Closing is subject to the fulfillment to such Investor’s satisfaction, on or prior to the First Closing Date, of the following conditions, any of which may be waived by such Investor (as to itself only):

(a) The representations and warranties made by the Company in Section 4 hereof qualified as to materiality shall be true and correct at all times prior to and on the First Closing Date, except to the extent any such representation or warranty expressly speaks as of a specific date, in which case such representation or warranty shall be true and correct as of such date, and, the representations and warranties made by the Company in Section 4 hereof not qualified as to materiality shall be true and correct in all material respects at all times prior to and on the First Closing Date, except to the extent any such representation or warranty expressly speaks as of a specific date, in which case such representation or warranty shall be true and correct in all material respects as of such specific date. The Company shall have performed in all material respects all obligations and covenants herein required to be performed by it on or prior to the First Closing Date.

(b) The Company shall have obtained any and all consents, permits, approvals, registrations and waivers necessary or appropriate for consummation of the purchase and sale of the Initial Shares and the Initial Warrants and the consummation of the other transactions contemplated by the Transaction Documents to be consummated on or prior to the First Closing Date, all of which shall be in full force and effect.

(c) The Company shall have executed and delivered the Registration Rights Agreement.

(d) The Company shall have received confirmation from Nasdaq to the effect that (i) the issuance and sale of the Initial Shares and the Initial Warrants as contemplated hereby will not require stockholder approval pursuant to the requirements of Nasdaq Marketplace Rule 4350(i), and (ii) that the Initial Shares and the Initial Warrant Shares have been approved for inclusion in The Nasdaq National Market System upon official notice of issuance.

(e) No judgment, writ, order, injunction, award or decree of or by any court, or judge, justice or magistrate, including any bankruptcy court or judge, or any order of or by any governmental authority, shall have been issued, and no action or proceeding shall have been instituted by any governmental authority, enjoining or preventing the consummation of the transactions contemplated hereby or in the other Transaction Documents.

(f) The Company shall have delivered a Certificate, executed on behalf of the Company by its Chief Executive Officer or its Chief Financial Officer, dated as of the First Closing Date, certifying to the fulfillment of the conditions specified in subsections (a), (b), (d), (e) and (i) of this Section 6.1.

(g) The Company shall have delivered a Certificate, executed on behalf of the Company by its Secretary, dated as of the Closing Date, certifying the resolutions adopted by the Board of Directors of the Company approving the transactions contemplated by this Agreement and the other Transaction Documents, the calling of the Special Meeting (as defined below) and the issuance of the Securities, certifying the current versions of the Certificate of Incorporation and Bylaws of the Company and certifying as to the signatures and

authority of persons signing the Transaction Documents and related documents on behalf of the Company.

(h) The Investors shall have received an opinion from Latham & Watkins LLP, the Company's counsel, dated as of the First Closing Date, in the form attached hereto as Exhibit C.

(i) No stop order or suspension of trading shall have been imposed by Nasdaq, the SEC or any other governmental or regulatory body with respect to public trading in the Common Stock.

6.2 Conditions to Obligations of the Company — First Closing. The Company's obligation to sell and issue the Initial Shares and the Initial Warrants at the First Closing is subject to the fulfillment to the satisfaction of the Company on or prior to the First Closing Date of the following conditions, any of which may be waived by the Company:

(a) The representations and warranties made by the Investors in Section 5 hereof, other than the representations and warranties contained in Sections 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 and 5.9 (the "Investment Representations"), shall be true and correct in all material respects when made, and shall be true and correct in all material respects on the First Closing Date with the same force and effect as if they had been made on and as of said date. The Investment Representations shall be true and correct in all respects when made, and shall be true and correct in all respects on the First Closing Date with the same force and effect as if they had been made on and as of said date. The Investors shall have performed in all material respects all obligations and covenants herein required to be performed by them on or prior to the First Closing Date.

(b) The Investors shall have executed and delivered the Registration Rights Agreement.

(c) No judgment, writ, order, injunction, award or decree of or by any court, or judge, justice or magistrate, including any bankruptcy court or judge, or any order of or by any governmental authority, shall have been issued, and no action or proceeding shall have been instituted by any governmental authority, enjoining or preventing the consummation of the transactions contemplated hereby or in the other Transaction Documents.

(d) The Investors shall have delivered the Initial Purchase Price to the Company.

6.3 Conditions to the Investors' Obligations — Second Closing. The obligation of the Investors to purchase the Remaining Shares and the Remaining Warrants at the Second Closing is subject to the fulfillment to the Investors' satisfaction, on or prior to the Second Closing Date, of the following conditions, any of which may be waived by such Investor (as to itself only):

(a) The representations and warranties made by the Company in Section 4 hereof qualified as to materiality shall be true and correct on the date hereof and at all times prior to and on the Second Closing Date, except to the extent any such representation or warranty expressly speaks as of a specific date, in which case such representation or warranty shall be true and correct on the date hereof and as of such date, and, the representations and warranties made by the Company in Section 4 hereof not qualified as to materiality shall be true and correct in all material respects on the date hereof and at all times prior to and on the Second Closing Date, except to the extent any such representation or warranty expressly speaks as of a specific date, in which case such representation or warranty shall be true and correct in all material respects on the date hereof and as of such specific date. The Company shall have performed in all material respects all obligations and covenants herein required to be performed by it on or prior to the Second Closing Date.

(b) The Company shall have obtained any and all consents, permits, approvals, registrations and waivers (including, without limitation, approval of the Proposal by its stockholders in accordance with applicable law and applicable Nasdaq requirements) necessary or appropriate for consummation of the purchase and sale of the Remaining Shares and the Remaining Warrants and the consummation of the other transactions contemplated by the Transaction Documents to be consummated on or prior to the Second Closing Date, all of which shall be in full force and effect.

(c) The First Closing shall have been consummated in accordance with the terms of this Agreement.

(d) No judgment, writ, order, injunction, award or decree of or by any court, or judge, justice or magistrate, including any bankruptcy court or judge, or any order of or by any governmental authority, shall have been issued, and no action or proceeding shall have been instituted by any governmental authority, enjoining or preventing the consummation of the transactions contemplated hereby or in the other Transaction Documents.

(e) The Remaining Shares and the Remaining Warrant Shares shall have been approved for inclusion in The Nasdaq National Market System upon official notice of issuance.

(f) The Company shall have delivered a Certificate, executed on behalf of the Company by its Chief Executive Officer or its Chief Financial Officer, dated as of the Second Closing Date, certifying to the fulfillment of the conditions specified in subsections (a), (b), (d), (e) and (i) of this Section 6.3.

(g) The Company shall have delivered a Certificate, executed on behalf of the Company by its Secretary, dated as of the Second Closing Date, certifying the resolutions adopted by the Board of Directors of the Company approving the transactions contemplated by this Agreement and the other Transaction Documents, the calling of the Special Meeting (as defined below), and the issuance of the Securities, certifying the current versions of the Certificate of Incorporation and Bylaws of the Company and certifying as to the signatures and authority of persons signing the Transaction Documents and related documents on behalf of the Company.

(h) The Investors shall have received an opinion from Latham & Watkins LLP, the Company's counsel, dated as of the Second Closing Date, in the form attached hereto as Exhibit C.

(i) No stop order or suspension of trading shall have been imposed by Nasdaq, the SEC or any other governmental or regulatory body with respect to public trading in the Common Stock.

6.4 Conditions to Obligations of the Company — Second Closing. The Company's obligation to sell and issue the Remaining Shares and the Remaining Warrants at the Second Closing is subject to the fulfillment to the satisfaction of the Company on or prior to the Second Closing Date of the following conditions, any of which may be waived by the Company:

(a) The representations and warranties made by the Investors in Section 5 hereof, other than the Investment Representations, shall be true and correct in all material respects when made, and shall be true and correct in all material respects on the Second Closing Date with the same force and effect as if they had been made on and as of said date. The Investment Representations shall be true and correct in all respects when made, and shall be true and correct in all respects on the Second Closing Date with the same force and effect as if they had been made on and as of said date. The Investors shall have performed in all material respects all obligations and covenants herein required to be performed by them on or prior to the Second Closing Date.

(b) The Investors shall have delivered the Remaining Purchase Price to the Company.

(c) The Company shall have obtained the approval of the Proposal by its stockholders in accordance with applicable law and applicable Nasdaq requirements.

6.5 Termination of Obligations to Effect Closing; Effects.

(a) The outstanding obligations of the Company, on the one hand, and the Investors, on the other hand, to effect any Closing shall terminate as follows:

(i) Upon the mutual written consent of the Company and the Investors;

(ii) By the Company if any of the conditions set forth in Section 6.2 or 6.4, respectively, shall have become incapable of fulfillment, and shall not have been waived by the Company;

(iii) By an Investor (with respect to itself only) if any of the conditions set forth in Section 6.1 or 6.3, respectively, shall have become incapable of fulfillment, and shall not have been waived by the Investor;

(iv) By an Investor (with respect to itself only) if the Company delivers one or more supplements to the Disclosure Schedules pursuant to Section 7.10 that reflect any events, facts or conditions which, in such Investor's good faith judgment constitute, individually or in the aggregate, constitute a Material Adverse Effect from the information contained in the Disclosure Schedules delivered at the time of the execution of this Agreement; or

(v) By either the Company or any Investor (with respect to itself only) if the First Closing has not occurred on or prior to July 15, 2005 or the Second Closing has not occurred on or prior to the earlier of (i) the tenth day after the Company's stockholders approve the Proposal or (ii) October 15, 2005;

provided, however, that, except in the case of clause (i) above, the party seeking to terminate its obligation to effect the Closing shall not then be in breach of any of its representations, warranties, covenants or agreements contained in this Agreement or the other Transaction Documents if such breach has resulted in the circumstances giving rise to such party's seeking to terminate its obligation to effect the Closing.

(b) In the event of termination by any Investor of its obligations to effect a Closing pursuant to this Section 6.5, written notice thereof shall forthwith be given to the other Investors and the other Investors shall have the right to terminate their obligations to effect such Closing upon written notice to the Company and the other Investors. Nothing in this Section 6.5 shall be deemed to release any party from any liability for any breach by such party of the terms and provisions of this Agreement or the other Transaction Documents or to impair the right of any party to compel specific performance by any other party of its obligations under this Agreement or the other Transaction Documents.

(c) A termination of the obligation to effect the Second Closing pursuant to the terms of this Section 6.5 shall not affect this Agreement or the other Transaction Documents which shall otherwise continue in full force and effect.

7. Covenants and Agreements.

7.1 Reservation of Common Stock. The Company shall at all times reserve and keep available out of its authorized but unissued shares of Common Stock, solely for the purpose of providing for the exercise of the Warrants, such number of shares of Common Stock as shall from time to time equal the number of shares sufficient to permit the exercise of the Warrants issued pursuant to this Agreement in accordance with their respective terms.

7.2 [reserved]

7.3 No Conflicting Agreements. The Company will not take any action, enter into any agreement or make any commitment that would conflict or interfere in any material respect with the Company's obligations to the Investors under the Transaction Documents.

7.4 Insurance. The Company shall not materially reduce the insurance coverages described in Section 4.19.

7.5 Compliance with Laws. The Company will comply in all material respects with all applicable laws, rules, regulations, orders and decrees of all governmental authorities.

7.6 Listing of Underlying Shares and Related Matters. Promptly following the date hereof, the Company shall take all necessary action to cause (i) the Initial Shares and the Initial Warrant Shares to be listed on the Nasdaq SmallCap Market no later than the First Closing Date and (ii) the Remaining Shares and the Remaining Shares to be listed on the Nasdaq SmallCap Market no later than the

Second Closing Date. Further, if the Company applies to have its Common Stock or other securities traded on any other principal stock exchange or market, it shall include in such application the Shares and the Warrant Shares and will take such other action as is necessary to cause such Common Stock to be so listed. The Company will use commercially reasonable efforts to continue the listing and trading of its Common Stock on the Nasdaq SmallCap Market and, in accordance, therewith, will use commercially reasonable efforts to comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of such market or exchange, as applicable.

7.7 Termination of Covenants. The provisions of Sections 7.2 through 7.5 shall terminate and be of no further force and effect on the date on which the Company's obligations under the Registration Rights Agreement to register or maintain the effectiveness of any registration covering the Registrable Securities (as such term is defined in the Registration Rights Agreement) shall terminate.

7.8 Removal of Legends. Upon the earlier of (i) the sale or other disposition pursuant to the Registration Statement and receipt by the Company of the Investor's written confirmation that such Securities were disposed of in compliance with the prospectus delivery requirements of the 1933 Act or (ii) Rule 144(k) becoming available the Company shall, upon an Investor's written request, promptly cause certificates evidencing the Investor's Securities to be replaced with certificates which do not bear such restrictive legends, and Warrant Shares subsequently issued upon due exercise of the Warrants shall not bear such restrictive legends provided the provisions of either clause (i) or clause (ii) above, as applicable, are satisfied with respect to such Warrant Shares. When the Company is required to cause unlegended certificates to replace previously issued legended certificates, if unlegended certificates are not delivered to an Investor within five (5) Business Days of submission by that Investor of legended certificate(s) to the Company's transfer agent together with a representation letter in customary form, the Company shall be liable to the Investor for liquidated damages in an amount equal to 1.5% of the aggregate purchase price of the Securities evidenced by such certificate(s) for each thirty (30) day period (or portion thereof) beyond such three (3) Business Day that the unlegended certificates have not been so delivered.

7.9 Proxy Statement; Stockholders Meeting. (a) Promptly following the execution and delivery of this Agreement, the Company shall take all action necessary to call a meeting of its stockholders (the "Stockholders Meeting") and shall use its commercially reasonable efforts to cause such Stockholders Meeting to be held not later than September 30, 2005 (the "Stockholders Meeting Deadline"), for the purpose of seeking approval of the Company's stockholders for (i) the issuance and sale to the Investors of the Remaining Securities and (ii) the full adjustment of the Warrants in accordance with the provisions of Section 8(f)(8) thereof (the "Proposal"). In connection therewith, the Company will promptly prepare and file with the SEC proxy materials (including a proxy statement and form of proxy) for use at the Stockholders Meeting and, after receiving and promptly responding to any comments of the SEC thereon, shall promptly mail such proxy materials to the stockholders of the Company. Each Investor shall promptly furnish in writing to the Company such information relating to such Investor and its investment in the Company as the Company may reasonably request for inclusion in the Proxy Statement, which information shall not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein not false or misleading. The Company will comply with Section 14(a) of the 1934 Act and the rules promulgated thereunder in relation to any proxy statement (as amended or supplemented, the "Proxy Statement") and any form of proxy to be sent to the stockholders of the Company in connection with the Stockholders Meeting, and the Proxy Statement shall not, on the date that the Proxy Statement (or any amendment thereof or supplement thereto) is first mailed to stockholders or at the time of the Stockholders Meeting, contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein not false or misleading, or omit to state any material fact necessary to correct any statement in any earlier communication with respect to the solicitation of proxies or the Stockholders Meeting which has become false or misleading. If the Company should discover at any time prior to the Stockholders Meeting, any event relating to the Company or any of its Subsidiaries or any of their respective affiliates, officers or directors that is required to be set forth in a supplement or amendment to the Proxy Statement, in addition to the Company's obligations under the 1934 Act, the Company will promptly inform the Investors thereof.

(b) Subject to their fiduciary obligations under applicable law (as determined in good faith by the Company's Board of Directors after consultation with the Company's outside counsel), the Company's Board of Directors shall recommend to the Company's stockholders (and, subject to their fiduciary obligations, not revoke or amend such recommendation) that the stockholders vote in favor of the Proposal and shall cause the Company to take all commercially reasonable action (including, without limitation, the hiring of a proxy solicitation firm of nationally recognized standing) to solicit the approval of the stockholders for the Proposal. Whether or not the Company's Board of Directors determines at any time after the date hereof that, due to its fiduciary duties, it must revoke or amend its recommendation to the Company's stockholders, the Company shall be required to, and will take, in accordance with applicable law and its Certificate of Incorporation and Bylaws, all commercially reasonable action necessary to convene the Stockholders Meeting as promptly as practicable, but no later than the Stockholders Meeting Deadline, to consider and vote upon the approval of the Proposal.

7.10 Update of Disclosure Schedules. During the period commencing immediately after the First Closing and ending on the earlier of the Second Closing Date or the termination of this Agreement in accordance with its terms (the "Updating Period"), the Company shall promptly notify the Investors in writing if the Company becomes aware of the occurrence or non-occurrence of any event during the Updating Period or the existence of any fact or condition arising during the Updating Period that would cause or constitute a breach of any of its representations or warranties contained herein had such representation or warranty been made as of the time of the Company's discovery of such event, fact or condition. Should any such event, fact or condition require any change to the Disclosure Schedules, the Company shall promptly, and in any event prior to the Second Closing Date deliver to the Investors a supplement to the Disclosure Schedules specifying such change. In the event that the Company delivers one or more supplements to the Disclosure Schedules pursuant to this Section 7.10 that reflect any events, facts or conditions which, in the good faith judgment of an Investor, constitute a Material Adverse Effect, individually or in the aggregate, such Investor shall have the right to terminate its obligations to effect the Second Closing in accordance with the provisions of Section 6.5 hereof. Any Investor that does not exercise its right to terminate this Agreement on the basis of such supplemental Disclosure Schedules shall be deemed to have accepted such supplemented Disclosure Schedules and the delivery of any such supplement will be deemed to have cured any misrepresentation or breach of representation, warranty or covenant that otherwise might have existing hereunder by reason of such events, fact or condition, but only with respect to the Second Closing. In no event shall any updating of the Disclosure Schedules cure or be deemed to cure any breach of a representation or warranty existing as of the First Closing Date.

8. Survival and Indemnification.

8.1 Survival. The representations, warranties, covenants and agreements contained in this Agreement shall survive the Closing of

the transactions contemplated by this Agreement for a period of three years, except as otherwise expressly provided in this Agreement.

8.2 Indemnification. The Company agrees to indemnify and hold harmless each Investor and its Affiliates and their respective directors, officers, employees and agents from and against any and all losses, claims, damages, liabilities and expenses (including without limitation reasonable attorney fees and disbursements and other expenses incurred in connection with investigating, preparing or defending any action, claim or proceeding, pending or threatened and the costs of enforcement thereof) (collectively, "Losses") to which such Person may become subject as a result of any breach of representation, warranty, covenant or agreement made by or to be performed on the part of the Company under the Transaction Documents, and will reimburse any such Person for all such amounts as they are incurred by such Person.

8.3 Conduct of Indemnification Proceedings. Promptly after receipt by any Person (the "Indemnified Person") of notice of any demand, claim or circumstances which would or might give rise to a claim or the commencement of any action, proceeding or investigation in respect of which indemnity may be sought pursuant to Section 8.2, such Indemnified Person shall promptly notify the Company in writing and the Company shall assume the defense thereof, including the employment of counsel reasonably satisfactory to such Indemnified Person, and shall assume the payment of all fees and expenses; provided, however, that the failure of any Indemnified Person so to notify the Company shall not relieve the Company of its obligations hereunder except to the extent that the Company is materially prejudiced by such failure to notify. In any such proceeding, any Indemnified Person shall have the right to retain its own counsel, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless: (i) the Company and the Indemnified Person shall have mutually agreed to the retention of such counsel; or (ii) in the reasonable judgment of counsel to such Indemnified Person representation of both parties by the same counsel would be inappropriate due to actual or potential differing interests between them. The Company shall not be liable for any settlement of any proceeding effected without its written consent, which consent shall not be unreasonably withheld, but if settled with such consent, or if there be a final judgment for the plaintiff, the Company shall indemnify and hold harmless such Indemnified Person from and against any loss or liability (to the extent stated above) by reason of such settlement or judgment. Without the prior written consent of the Indemnified Person, which consent shall not be unreasonably withheld, the Company shall not effect any settlement of any pending or threatened proceeding in respect of which any Indemnified Person is or could have been a party and indemnity could have been sought hereunder by such Indemnified Party, unless such settlement includes an unconditional release of such Indemnified Person from all liability arising out of such proceeding.

9. Miscellaneous.

9.1 Successors and Assigns. This Agreement may not be assigned by a party hereto without the prior written consent of the Company or the Investors, as applicable, provided, however, that an Investor may assign its rights and delegate its duties hereunder in whole or in part to an Affiliate or to a third party acquiring some or all of its Securities in a private transaction without the prior written consent of the Company or the other Investors, after notice duly given by such Investor to the Company provided, that no such assignment or obligation shall affect the obligations of such Investor hereunder. The provisions of this Agreement shall inure to the benefit of and be binding upon the respective permitted successors and assigns of the parties. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

9.2 Counterparts; Faxes. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. This Agreement may also be executed via facsimile, which shall be deemed an original.

9.3 Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

9.4 Notices. Unless otherwise provided, any notice required or permitted under this Agreement shall be given in writing and shall be deemed effectively given as hereinafter described (i) if given by personal delivery, then such notice shall be deemed given upon such delivery, (ii) if given by telex or telecopier, then such notice shall be deemed given upon receipt of confirmation of complete transmittal, (iii) if given by mail, then such notice shall be deemed given upon the earlier of (A) receipt of such notice by the recipient or (B) three days after such notice is deposited in first class mail, postage prepaid, and (iv) if given by an internationally recognized overnight air courier, then such notice shall be deemed given one Business Day after delivery to such carrier. All notices shall be addressed to the party to be notified at the address as follows, or at such other address as such party may designate by ten days' advance written notice to the other party:

If to the Company:

Tegal Corporation
2201 South McDowell Boulevard
Petaluma, California 94954
Attention: Chief Executive Officer
Fax: (707) 763-0415

With a copy to:

Latham & Watkins LLP
135 Commonwealth Drive
Menlo Park, California 94025
Attention: Christopher Kaufman and William Davisson
Fax: (650) 463-2600

If to the Investors:

to the addresses set forth on the signature pages hereto.

9.5 Expenses. The parties hereto shall pay their own costs and expenses in connection herewith, except that the Company shall pay the reasonable fees and expenses of Lowenstein Sandler PC not to exceed \$35,000. Such expenses shall be paid not later than the Closing. The Company shall reimburse the Investors upon demand for all reasonable out-of-pocket expenses incurred by the Investors, including without limitation reimbursement of attorneys' fees and disbursements, in connection with any amendment, modification or waiver of this Agreement or the other Transaction Documents. In the event that legal proceedings are commenced by any party to this Agreement against another party to this Agreement in connection with this Agreement or the other Transaction Documents, the party or parties which do not prevail in such proceedings shall severally, but not jointly, pay their pro rata share of the reasonable attorneys' fees and other reasonable out-of-pocket costs and expenses incurred by the prevailing party in such proceedings.

9.6 Amendments and Waivers. Any term of this Agreement may be amended and the observance of any term of this Agreement may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Investors. Any amendment or waiver effected in accordance with this paragraph shall be binding upon each holder of any Securities purchased under this Agreement at the time outstanding, each future holder of all such Securities, and the Company.

9.7 Publicity. Except as set forth below, no public release or announcement concerning the transactions contemplated hereby shall be issued by the Company or the Investors without the prior consent of the Company (in the case of a release or announcement by the Investors) or the Investors (in the case of a release or announcement by the Company) (which consents shall not be unreasonably withheld), except as such release or announcement may be required by law or the applicable rules or regulations of Nasdaq, any securities exchange or other securities market, in which case the Company or the Investors, as the case may be, shall allow the Investors or the Company, as applicable, to the extent reasonably practicable in the circumstances, reasonable time to comment on such release or announcement in advance of such issuance. By 8:30 a.m. (New York City time) on the trading day immediately following the First Closing Date, the Company shall issue a press release disclosing the transactions contemplated by this Agreement. No later than the fourth trading day following the First Closing Date, the Company will file a Current Report on Form 8-K attaching the press release described in the foregoing sentence as well as copies of the Transaction Documents. In addition, the Company will make such other filings and notices in the manner and time required by the SEC or Nasdaq.

9.8 Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof but shall be interpreted as if it were written so as to be enforceable to the maximum extent permitted by applicable law, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. To the extent permitted by applicable law, the parties hereby waive any provision of law which renders any provision hereof prohibited or unenforceable in any respect.

9.9 Entire Agreement. This Agreement, including the Exhibits and the Disclosure Schedules, and the other Transaction Documents constitute the entire agreement among the parties hereof with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, both oral and written, between the parties with respect to the subject matter hereof and thereof.

9.10 Further Assurances. The parties shall execute and deliver all such further instruments and documents and take all such other actions as may reasonably be required to carry out the transactions contemplated hereby and to evidence the fulfillment of the agreements herein contained.

9.11 Governing Law; Consent to Jurisdiction; Waiver of Jury Trial. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to the choice of law principles thereof. Each of the parties hereto irrevocably submits to the exclusive jurisdiction of the courts of the State of New York located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Agreement and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement. Each of the parties hereto irrevocably consents to the jurisdiction of any such court in any such suit, action or proceeding and to the laying of venue in such court. Each party hereto irrevocably waives any objection to the laying of venue of any such suit, action or proceeding brought in such courts and irrevocably waives any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum. **EACH OF THE PARTIES HERETO WAIVES ANY RIGHT TO REQUEST A TRIAL BY JURY IN ANY LITIGATION WITH RESPECT TO THIS AGREEMENT AND REPRESENTS THAT COUNSEL HAS BEEN CONSULTED SPECIFICALLY AS TO THIS WAIVER.**

9.12 Independent Nature of Investors' Obligations and Rights. The obligations of each Investor under any Transaction Document are several and not joint with the obligations of any other Investor, and no Investor shall be responsible in any way for the performance of the obligations of any other Investor under any Transaction Document. The decision of each Investor to purchase Securities pursuant to the Transaction Documents has been made by such Investor independently of any other Investor. Nothing contained herein or in any Transaction Document, and no action taken by any Investor pursuant thereto, shall be deemed to constitute the Investors as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Investors are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Investor acknowledges that no other Investor has acted as agent for such Investor in connection with making its investment hereunder and that no Investor will be acting as agent of such Investor in connection with monitoring its investment in the Securities or enforcing its rights under the Transaction Documents. Each Investor shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Investor to be joined as an additional party in any proceeding for such purpose. The Company acknowledges that each of the Investors has been provided with the same Transaction Documents for the purpose of closing a transaction with multiple Investors and not because it was required or requested to do so by any Investor.

[signature page follows]

IN WITNESS WHEREOF, the parties have executed this Agreement or caused their duly authorized officers to execute this Agreement as of the date first above written.

The Company: TEGAL CORPORATION

By: _____
Name: Thomas R. Mika
Title: President and Chief Executive Officer

The Investors: _____

By: _____
Name: _____
Title: _____

Initial Purchase Price: Number
of Initial Shares: Number
of Initial Warrants:

Remaining Purchase Price: Number
of Remaining Shares: Number
of Remaining Warrants:

Address for Notice:

Attn: _____

Tel: _____
Fax: _____

with a copy to:

Attn: _____
Telephone: _____
Facsimile: _____

FORM OF WARRANT CERTIFICATE

THE SECURITIES REPRESENTED HEREBY MAY NOT BE TRANSFERRED UNLESS (I) SUCH SECURITIES HAVE BEEN REGISTERED FOR SALE PURSUANT TO THE SECURITIES ACT OF 1933, AS AMENDED, (II) SUCH SECURITIES MAY BE SOLD PURSUANT TO RULE 144(K), OR (III) THE COMPANY HAS RECEIVED AN OPINION OF COUNSEL REASONABLY SATISFACTORY TO IT THAT SUCH TRANSFER MAY LAWFULLY BE MADE WITHOUT REGISTRATION UNDER THE SECURITIES ACT OF 1933 OR QUALIFICATION UNDER APPLICABLE STATE SECURITIES LAWS.

SUBJECT TO THE PROVISIONS OF SECTION 10 HEREOF, THIS WARRANT SHALL BE VOID AFTER 5:00 P.M. EASTERN TIME ON [FIFTH ANNIVERSARY OF THE CLOSING DATE] (THE "EXPIRATION DATE").

No. _____

TEGAL CORPORATION

WARRANT TO PURCHASE _____ SHARES OF COMMON STOCK, PAR VALUE \$0.01 PER SHARE

For VALUE RECEIVED, _____ ("Warrantholder"), is entitled to purchase, subject to the provisions of this Warrant, from Tegal Corporation, a Delaware corporation ("Company"), at any time not later than 5:00 P.M., Eastern time, on the Expiration Date (as defined above), at an exercise price per share equal to \$1.00 (the exercise price in effect being herein called the "Warrant Price"), _____ shares ("Warrant Shares") of the Company's Common Stock, par value \$0.01 per share ("Common Stock"). The number of Warrant Shares purchasable upon exercise of this Warrant and the Warrant Price shall be subject to adjustment from time to time as described herein.

Section 1. Registration. The Company shall maintain books for the transfer and registration of the Warrant. Upon the initial issuance of this Warrant, the Company shall issue and register the Warrant in the name of the Warrantholder.

Section 2. Transfers. As provided herein, this Warrant and the Warrant Shares may be transferred only pursuant to a registration statement filed under the Securities Act of 1933, as amended (the "Securities Act"), or an exemption from such registration. Subject to such restrictions, the Company shall transfer this Warrant from time to time upon the books to be maintained by the Company for that purpose, upon surrender thereof for transfer properly endorsed or accompanied by appropriate instructions for transfer and such other documents as may be reasonably required by the Company, including, if required by the Company, an opinion of counsel to the effect that such transfer is exempt from the registration requirements of the Securities Act, to establish that such transfer is being made in accordance with the terms hereof, and a new Warrant shall be issued to the transferee and the surrendered Warrant shall be canceled by the Company.

Section 3. Exercise of Warrant. Subject to the provisions hereof, the Warrantholder may exercise this Warrant in whole or in part at any time prior to its expiration upon surrender of the Warrant, together with delivery of the duly executed Warrant exercise form attached hereto as Appendix A (the "Exercise Agreement") and payment by cash, certified check or wire transfer of funds (or, in certain circumstances, by cash-less exercise as provided below) for the aggregate Warrant Price for that number of Warrant Shares then being purchased, to the Company during normal business hours on any business day at the Company's principal executive offices (or such other office or agency of the Company as it may designate by notice to the Warrantholder). The Warrant Shares so purchased shall be deemed to be issued to the Warrantholder or the Warrantholder's designee, as the record owner of such shares, as of the close of business on the date on which this Warrant shall have been surrendered (or evidence of loss, theft or destruction thereof and security or indemnity satisfactory to the Company), the Warrant Price shall have been paid and the completed Exercise Agreement shall have been delivered. Certificates for the Warrant Shares so purchased, representing the aggregate number of shares specified in the Exercise Agreement, shall be delivered to the Warrantholder within a reasonable time, not exceeding three (3) business days, after this Warrant shall have been so exercised. The certificates so delivered shall be in such denominations as may be requested by the Warrantholder and shall be registered in the name of the Warrantholder or such other name as shall be designated by the Warrantholder, subject to the restrictions on transfer set forth in this Warrant. If this Warrant shall have been exercised only in part, then, unless this Warrant has expired, the Company shall, at its expense, at the time of delivery of such certificates, deliver to the Warrantholder a new Warrant representing the number of shares with respect to which this Warrant shall not then have been exercised. As used herein, "business day" means a day, other than a Saturday or Sunday, on which banks in New York City are open for the general transaction of business. Each exercise hereof shall constitute the re-affirmation by the Warrantholder that the representations and warranties contained in Section 5 of the Purchase Agreement (as defined below) are true and correct with respect to the Warrantholder as of the time of such exercise.

Section 4. Compliance with the Securities Act of 1933. Except as provided in the Purchase Agreement (as defined below), the Company may cause the legend set forth on the first page of this Warrant to be set forth on each Warrant or similar legend on any security issued or issuable upon exercise of this Warrant, unless counsel for the Company is of the opinion as to any such security that such legend is unnecessary.

Section 5. Payment of Taxes. The Company will pay any documentary stamp taxes attributable to the initial issuance of Warrant Shares issuable upon the exercise of the Warrant; provided, however, that the Company shall not be required to pay any tax or taxes which may be payable in respect of any transfer involved in the issuance or delivery of any certificates for Warrant Shares in a name other than that of the Warrantholder in respect of which such shares are issued, and in such case, the Company shall not be required to issue or deliver any certificate for Warrant Shares or any Warrant until the person requesting the same has paid to the Company the amount of such tax or has established to the Company's reasonable satisfaction that such tax has been paid. The Warrantholder shall be responsible for income

taxes due under federal, state or other law, if any such tax is due.

Section 6. Mutilated or Missing Warrants. In case this Warrant shall be mutilated, lost, stolen, or destroyed, the Company shall issue in exchange and substitution of and upon cancellation of the mutilated Warrant, or in lieu of and substitution for the Warrant lost, stolen or destroyed, a new Warrant of like tenor and for the purchase of a like number of Warrant Shares, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction of the Warrant, and with respect to a lost, stolen or destroyed Warrant, reasonable indemnity or bond with respect thereto, if requested by the Company.

Section 7. Reservation of Common Stock. The Company hereby represents and warrants that there have been reserved, and the Company shall at all applicable times keep reserved until issued (if necessary) as contemplated by this Section 7, out of the authorized and unissued shares of Common Stock, sufficient shares to provide for the exercise of the rights of purchase represented by this Warrant. The Company agrees that all Warrant Shares issued upon due exercise of the Warrant shall be, at the time of delivery of the certificates for such Warrant Shares, duly authorized, validly issued, fully paid and non-assessable shares of Common Stock of the Company.

Section 8. Adjustments. Subject and pursuant to the provisions of this Section 8, the Warrant Price and number of Warrant Shares subject to this Warrant shall be subject to adjustment from time to time as set forth hereinafter.

(a) If the Company shall, at any time or from time to time while this Warrant is outstanding, pay a dividend or make a distribution on its Common Stock in shares of Common Stock, subdivide its outstanding shares of Common Stock into a greater number of shares or combine its outstanding shares of Common Stock into a smaller number of shares or issue by reclassification of its outstanding shares of Common Stock any shares of its capital stock (including any such reclassification in connection with a consolidation or merger in which the Company is the continuing corporation), then the number of Warrant Shares purchasable upon exercise of the Warrant and the Warrant Price in effect immediately prior to the date upon which such change shall become effective, shall be adjusted by the Company so that the Warrantholder thereafter exercising the Warrant shall be entitled to receive the number of shares of Common Stock or other capital stock which the Warrantholder would have received if the Warrant had been exercised immediately prior to such event upon payment of a Warrant Price that has been adjusted to reflect a fair allocation of the economics of such event to the Warrantholder. Such adjustments shall be made successively whenever any event listed above shall occur.

(b) If any capital reorganization, reclassification of the capital stock of the Company, consolidation or merger of the Company with another corporation in which the Company is not the survivor, or sale, transfer or other disposition of all or substantially all of the Company's assets to another corporation shall be effected, then, as a condition of such reorganization, reclassification, consolidation, merger, sale, transfer or other disposition, lawful and adequate provision shall be made whereby each Warrantholder shall thereafter have the right to purchase and receive upon the basis and upon the terms and conditions herein specified and in lieu of the Warrant Shares immediately theretofore issuable upon exercise of the Warrant, such shares of stock, securities or assets as would have been issuable or payable with respect to or in exchange for a number of Warrant Shares equal to the number of Warrant Shares immediately theretofore issuable upon exercise of the Warrant, had such reorganization, reclassification, consolidation, merger, sale, transfer or other disposition not taken place, and in any such case appropriate provision shall be made with respect to the rights and interests of each Warrantholder to the end that the provisions hereof (including, without limitation, provision for adjustment of the Warrant Price) shall thereafter be applicable, as nearly equivalent as may be practicable in relation to any shares of stock, securities or assets thereafter deliverable upon the exercise hereof. The Company shall not effect any such consolidation, merger, sale, transfer or other disposition unless prior to or simultaneously with the consummation thereof the successor corporation (if other than the Company) resulting from such consolidation or merger, or the corporation purchasing or otherwise acquiring such assets or other appropriate corporation or entity shall assume the obligation to deliver to the Warrantholder, at the last address of the Warrantholder appearing on the books of the Company, such shares of stock, securities or assets as, in accordance with the foregoing provisions, the Warrantholder may be entitled to purchase, and the other obligations under this Warrant. The provisions of this paragraph (b) shall similarly apply to successive reorganizations, reclassifications, consolidations, mergers, sales, transfers or other dispositions.

(c) In case the Company shall fix a payment date for the making of a distribution to all holders of Common Stock (including any such distribution made in connection with a consolidation or merger in which the Company is the continuing corporation) of evidences of indebtedness or assets (other than cash dividends or cash distributions payable out of consolidated earnings or earned surplus or dividends or distributions referred to in Section 8(a)), or subscription rights or warrants, the Warrant Price to be in effect after such payment date shall be determined by multiplying the Warrant Price in effect immediately prior to such payment date by a fraction, the numerator of which shall be the total number of shares of Common Stock outstanding multiplied by the Market Price (as defined below) per share of Common Stock immediately prior to such payment date, less the fair market value (as determined by the Company's Board of Directors in good faith) of said assets or evidences of indebtedness so distributed, or of such subscription rights or warrants, and the denominator of which shall be the total number of shares of Common Stock outstanding multiplied by such Market Price per share of Common Stock immediately prior to such payment date. "Market Price" as of a particular date (the "Valuation Date") shall mean the following: (a) if the Common Stock is then listed on a national stock exchange, the closing sale price of one share of Common Stock on such exchange on the last trading day prior to the Valuation Date; (b) if the Common Stock is then quoted on the Nasdaq National Market System or the Nasdaq SmallCap Market (in either case, "Nasdaq"), the National Association of Securities Dealers, Inc. OTC Bulletin Board (the "Bulletin Board") or such similar exchange or association, the closing sale price of one share of Common Stock on Nasdaq, the Bulletin Board or such other exchange or association on the last trading day prior to the Valuation Date or, if no such closing sale price is available, the average of the high bid and the low asked price quoted thereon on the last trading day prior to the Valuation Date; or (c) if the Common Stock is not then listed on a national stock exchange or quoted on Nasdaq, the Bulletin Board or such other exchange or association, the fair market value of one share of Common Stock as of the Valuation Date, shall be determined in good faith by the Board of Directors of the Company and the Warrantholder. If the Common Stock is not then listed on a national securities exchange, the Bulletin Board or such other exchange or association, the Board of Directors of the Company shall respond promptly, in writing, to an inquiry by the Warrantholder prior to the exercise hereunder as to the fair market value of a share of Common Stock as determined by the Board of Directors of the Company. In the event that the Board of Directors of the Company and the Warrantholder are unable to agree upon the fair market value in respect of subpart (c) hereof, the Company and the Warrantholder shall jointly select an appraiser, who is experienced in such matters. The decision of such appraiser shall be final and conclusive, and the cost of such appraiser shall be borne equally by the Company and the Warrantholder. Such adjustment shall be made successively whenever such a payment date is fixed.

(d) An adjustment to the Warrant Price shall become effective immediately after the payment date in the case of each dividend or distribution and immediately after the effective date of each other event which requires an adjustment.

(e) In the event that, as a result of an adjustment made pursuant to this Section 8, the Warrantholder shall become entitled to receive any shares of capital stock of the Company other than shares of Common Stock, the number of such other shares so receivable upon exercise of this Warrant shall be subject thereafter to adjustment from time to time in a manner and on terms as nearly equivalent as practicable to the provisions with respect to the Warrant Shares contained in this Warrant.

(f) Except as provided in subsection (g) hereof, if and whenever the Company shall issue or sell, or is, in accordance with any of subsections (f)(1) through (f)(7) hereof, deemed to have issued or sold, any shares of Common Stock for no consideration or for a consideration per share less than the Warrant Price in effect immediately prior to the time of such issue or sale, then and in each such case (a “Trigger Issuance”) the then-existing Warrant Price, shall be reduced, as of the close of business on the effective date of the Trigger Issuance, to a price determined as follows:

$$\text{Adjusted Warrant Price} = \frac{(A \times B) + D}{A+C}$$

where

"A" equals the number of shares of Common Stock outstanding, including Additional Shares of Common Stock (as defined below) deemed to be issued hereunder, immediately preceding such Trigger Issuance;

“B” equals the Warrant Price in effect immediately preceding such Trigger Issuance;

"C" equals the number of Additional Shares of Common Stock issued or deemed issued hereunder as a result of the Trigger Issuance; and

"D" equals the aggregate consideration, if any, received or deemed to be received by the Company upon such Trigger Issuance;

provided, however, that in no event shall the Warrant Price after giving effect to such Trigger Issuance be greater than the Warrant Price in effect prior to such Trigger Issuance.

For purposes of this subsection (f), “Additional Shares of Common Stock” shall mean all shares of Common Stock issued by the Company or deemed to be issued pursuant to this subsection (f), other than Excluded Issuances (as defined in subsection (g) hereof).

For purposes of this subsection (f), the following subsections (f)(1) to (f)(8) shall also be applicable:

(f)(1) Issuance of Rights or Options. In case at any time the Company shall in any manner grant (directly and not by assumption in a merger or otherwise) any warrants or other rights to subscribe for or to purchase, or any options for the purchase of, Common Stock or any stock or security convertible into or exchangeable for Common Stock (such warrants, rights or options being called “Options” and such convertible or exchangeable stock or securities being called “Convertible Securities”) whether or not such Options or the right to convert or exchange any such Convertible Securities are immediately exercisable, and the price per share for which Common Stock is issuable upon the exercise of such Options or upon the conversion or exchange of such Convertible Securities (determined by dividing (i) the sum (which sum shall constitute the applicable consideration) of (x) the total amount, if any, received or receivable by the Company as consideration for the granting of such Options, plus (y) the aggregate amount of additional consideration payable to the Company upon the exercise of all such Options, plus (z), in the case of such Options which relate to Convertible Securities, the aggregate amount of additional consideration, if any, payable upon the issue or sale of such Convertible Securities and upon the conversion or exchange thereof, by (ii) the total maximum number of shares of Common Stock issuable upon the exercise of such Options or upon the conversion or exchange of all such Convertible Securities issuable upon the exercise of such Options) shall be less than the Warrant Price in effect immediately prior to the time of the granting of such Options, then the total number of shares of Common Stock issuable upon the exercise of such Options or upon conversion or exchange of the total amount of such Convertible Securities issuable upon the exercise of such Options shall be deemed to have been issued for such price per share as of the date of granting of such Options or the issuance of such Convertible Securities and thereafter shall be deemed to be outstanding for purposes of adjusting the Warrant Price. Except as otherwise provided in subsection 8(f)(3), no adjustment of the Warrant Price shall be made upon the actual issue of such Common Stock or of such Convertible Securities upon exercise of such Options or upon the actual issue of such Common Stock upon conversion or exchange of such Convertible Securities.

(f)(2) Issuance of Convertible Securities. In case the Company shall in any manner issue (directly and not by assumption in a merger or otherwise) or sell any Convertible Securities, whether or not the rights to exchange or convert any such Convertible Securities are immediately exercisable, and the price per share for which Common Stock is issuable upon such conversion or exchange (determined by dividing (i) the sum (which sum shall constitute the applicable consideration) of (x) the total amount received or receivable by the Company as consideration for the issue or sale of such Convertible Securities, plus (y) the aggregate amount of additional consideration, if any, payable to the Company upon the conversion or exchange thereof, by (ii) the total number of shares of Common Stock issuable upon the conversion or exchange of all such Convertible Securities) shall be less than the Warrant Price in effect immediately prior to the time of such issue or sale, then the total maximum number of shares of Common Stock issuable upon conversion or exchange of all such Convertible Securities shall be deemed to have been issued for such price per share as of the date of the issue or sale of such Convertible Securities and thereafter shall be deemed to be outstanding for purposes of adjusting the Warrant Price, provided that (a) except as otherwise provided in subsection 8(f)(3), no adjustment of the Warrant Price shall be made upon the actual issuance of such Common Stock upon conversion or exchange of such Convertible Securities and (b) no further adjustment of the Warrant Price shall be made by reason of the issue or sale of

Convertible Securities upon exercise of any Options to purchase any such Convertible Securities for which adjustments of the Warrant Price have been made pursuant to the other provisions of subsection 8(f).

(f)(3) Change in Option Price or Conversion Rate. Upon the happening of any of the following events, namely, if the purchase price provided for in any Option referred to in subsection 8(f)(1) hereof, the additional consideration, if any, payable upon the conversion or exchange of any Convertible Securities referred to in subsections 8(f)(1) or 8(f)(2), or the rate at which Convertible Securities referred to in subsections 8(f)(1) or 8(f)(2) are convertible into or exchangeable for Common Stock shall change at any time (including, but not limited to, changes under or by reason of provisions designed to protect against dilution), the Warrant Price in effect at the time of such event shall forthwith be readjusted to the Warrant Price which would have been in effect at such time had such Options or Convertible Securities still outstanding provided for such changed purchase price, additional consideration or conversion rate, as the case may be, at the time initially granted, issued or sold. On the termination of any Option for which any adjustment was made pursuant to this subsection 8(f) or any right to convert or exchange Convertible Securities for which any adjustment was made pursuant to this subsection 8(f) (including without limitation upon the redemption or purchase for consideration of such Convertible Securities by the Company), the Warrant Price then in effect hereunder shall forthwith be changed to the Warrant Price which would have been in effect at the time of such termination had such Option or Convertible Securities, to the extent outstanding immediately prior to such termination, never been issued.

(f)(4) Stock Dividends. Subject to the provisions of this Section 8(f), in case the Company shall declare a dividend or make any other distribution upon any stock of the Company (other than the Common Stock) payable in Common Stock, Options or Convertible Securities, then any Common Stock, Options or Convertible Securities, as the case may be, issuable in payment of such dividend or distribution shall be deemed to have been issued or sold without consideration.

(f)(5) Consideration for Stock. In case any shares of Common Stock, Options or Convertible Securities shall be issued or sold for cash, the consideration received therefor shall be deemed to be the net amount received by the Company therefor, after deduction therefrom of any expenses incurred or any underwriting commissions or concessions paid or allowed by the Company in connection therewith. In case any shares of Common Stock, Options or Convertible Securities shall be issued or sold for a consideration other than cash, the amount of the consideration other than cash received by the Company shall be deemed to be the fair value of such consideration as determined in good faith by the Board of Directors of the Company, after deduction of any expenses incurred or any underwriting commissions or concessions paid or allowed by the Company in connection therewith. In case any Options shall be issued in connection with the issue and sale of other securities of the Company, together comprising one integral transaction in which no specific consideration is allocated to such Options by the parties thereto, such Options shall be deemed to have been issued for such consideration as determined in good faith by the Board of Directors of the Company. If Common Stock, Options or Convertible Securities shall be issued or sold by the Company and, in connection therewith, other Options or Convertible Securities (the "Additional Rights") are issued, then the consideration received or deemed to be received by the Company shall be reduced by the fair market value of the Additional Rights (as determined using the Black-Scholes option pricing model or another method mutually agreed to by the Company and the Warranholder). The Board of Directors of the Company shall respond promptly, in writing, to an inquiry by the Warranholder as to the fair market value of the Additional Rights. In the event that the Board of Directors of the Company and the Warranholder are unable to agree upon the fair market value of the Additional Rights, the Company and the Warranholder shall jointly select an appraiser, who is experienced in such matters. The decision of such appraiser shall be final and conclusive, and the cost of such appraiser shall be borne evenly by the Company and the Warranholder.

(f)(6) Record Date. In case the Company shall take a record of the holders of its Common Stock for the purpose of entitling them (i) to receive a dividend or other distribution payable in Common Stock, Options or Convertible Securities or (ii) to subscribe for or purchase Common Stock, Options or Convertible Securities, then such record date shall be deemed to be the date of the issue or sale of the shares of Common Stock deemed to have been issued or sold upon the declaration of such dividend or the making of such other distribution or the date of the granting of such right of subscription or purchase, as the case may be.

(f)(7) Treasury Shares. The number of shares of Common Stock outstanding at any given time shall not include shares owned or held by or for the account of the Company or any of its wholly-owned subsidiaries, and the disposition of any such shares (other than the cancellation or retirement thereof) shall be considered an issue or sale of Common Stock for the purpose of this subsection (f).

(f)(8) Nasdaq Limitation. Notwithstanding any other provision in Section 8(f) to the contrary, if a reduction in the Warrant Price pursuant to Section 8(f) (other than as set forth in this clause (f)(8)) would require the Company to obtain stockholder approval of the transactions contemplated by the Purchase Agreement pursuant to Nasdaq Marketplace Rule 4350(i) and such stockholder approval has not been obtained, (i) the Warrant Price shall be reduced to the maximum extent that would not require stockholder approval under such Rule, and (ii) the Company shall use its commercially reasonable efforts to obtain such stockholder approval as soon as reasonably practicable, including by calling a special meeting of stockholders to vote on such Warrant Price adjustment. This provision shall not restrict the number of shares of Common Stock which a Warranholder may receive or beneficially own in order to determine the amount of securities or other consideration that such Holder may receive in the event of a transaction contemplated by Section 8 of this Warrant.

(g) Anything herein to the contrary notwithstanding, the Company shall not be required to make any adjustment of the Warrant Price in the case of the issuance of (A) capital stock, Options or Convertible Securities issued to directors, officers, employees or consultants of the Company in connection with their service as directors of the Company, their employment by the Company or their retention as consultants by the Company pursuant to an equity compensation program approved by the Board of Directors of the Company or the compensation committee of the Board of Directors of the Company, (B) shares of Common Stock issued upon the conversion or exercise of Options or Convertible Securities issued prior to the date hereof, provided such securities are not amended after the date hereof to increase the number of shares of Common Stock issuable thereunder or to lower the exercise or conversion price thereof, (C) securities

issued pursuant to that certain Purchase Agreement dated June __, 2005, among the Company and the Investors named therein (the "Purchase Agreement") and securities issued upon the exercise or conversion of those securities, and (D) shares of Common Stock issued or issuable by reason of a dividend, stock split or other distribution on shares of Common Stock (but only to the extent that such a dividend, split or distribution results in an adjustment in the Warrant Price pursuant to the other provisions of this Warrant) (collectively, "Excluded Issuances").

(h) Upon any adjustment to the Warrant Price pursuant to Section 8(f) above, the number of Warrant Shares purchasable hereunder shall be adjusted by multiplying such number by a fraction, the numerator of which shall be the Warrant Price in effect immediately prior to such adjustment and the denominator of which shall be the Warrant Price in effect immediately thereafter.

Section 9. Fractional Interest. The Company shall not be required to issue fractions of Warrant Shares upon the exercise of this Warrant. If any fractional share of Common Stock would, except for the provisions of the first sentence of this Section 9, be deliverable upon such exercise, the Company, in lieu of delivering such fractional share, shall pay to the exercising Warrantholder an amount in cash equal to the Market Price of such fractional share of Common Stock on the date of exercise.

Section 10. Extension of Expiration Date. If the Company fails to cause any Registration Statement covering Registrable Securities (unless otherwise defined herein, capitalized terms are as defined in the Registration Rights Agreement relating to the Warrant Shares (the "Registration Rights Agreement")) to be declared effective prior to the applicable dates set forth therein, or if any of the events specified in Section 2(c)(ii) of the Registration Rights Agreement occurs, and the Blackout Period (whether alone, or in combination with any other Blackout Period) continues for more than 60 days in any 12 month period, or for more than a total of 90 days, then the Expiration Date of this Warrant shall be extended one day for each day beyond the 60-day or 90-day limits, as the case may be, that the Blackout Period continues.

Section 11. Benefits. Nothing in this Warrant shall be construed to give any person, firm or corporation (other than the Company and the Warrantholder) any legal or equitable right, remedy or claim, it being agreed that this Warrant shall be for the sole and exclusive benefit of the Company and the Warrantholder.

Section 12. Notices to Warrantholder. Upon the happening of any event requiring an adjustment of the Warrant Price, the Company shall promptly give written notice thereof to the Warrantholder at the address appearing in the records of the Company, stating the adjusted Warrant Price and the adjusted number of Warrant Shares resulting from such event and setting forth in reasonable detail the method of calculation and the facts upon which such calculation is based. Failure to give such notice to the Warrantholder or any defect therein shall not affect the legality or validity of the subject adjustment.

Section 13. Identity of Transfer Agent. The Transfer Agent for the Common Stock is Registrar & Transfer Company. Upon the appointment of any subsequent transfer agent for the Common Stock or other shares of the Company's capital stock issuable upon the exercise of the rights of purchase represented by the Warrant, the Company will mail to the Warrantholder a statement setting forth the name and address of such transfer agent.

Section 14. Notices. Unless otherwise provided, any notice required or permitted under this Warrant shall be given in writing and shall be deemed effectively given as hereinafter described (i) if given by personal delivery, then such notice shall be deemed given upon such delivery, (ii) if given by telex or facsimile, then such notice shall be deemed given upon receipt of confirmation of complete transmittal, (iii) if given by mail, then such notice shall be deemed given upon the earlier of (A) receipt of such notice by the recipient or (B) three days after such notice is deposited in first class mail, postage prepaid, and (iv) if given by an internationally recognized overnight air courier, then such notice shall be deemed given one business day after delivery to such carrier. All notices shall be addressed as follows: if to the Warrantholder, at its address as set forth in the Company's books and records and, if to the Company, at the address as follows, or at such other address as the Warrantholder or the Company may designate by ten days' advance written notice to the other:

If to the Company:

Tegal Corporation
2201 South McDowell Boulevard
Petaluma, California 94954
Attention: Chief Executive Officer
Fax: (707) 763-0415

With a copy to:

Latham & Watkins LLP
135 Commonwealth Drive
Menlo Park, California 94025
Attention: Christopher Kaufman and William Davisson
Fax: (650) 463-2600

Section 15. Registration Rights. The initial Warrantholder is entitled to the benefit of certain registration rights with respect to the shares of Common Stock issuable upon the exercise of this Warrant as provided in the Registration Rights Agreement, and any subsequent Warrantholder may be entitled to such rights.

Section 16. Successors. All the covenants and provisions hereof by or for the benefit of the Warrantholder shall bind and inure to the benefit of its respective successors and assigns hereunder.

Section 17. Governing Law; Consent to Jurisdiction; Waiver of Jury Trial. This Warrant shall be governed by, and construed in accordance with, the internal laws of the State of New York, without reference to the choice of law provisions thereof. The Company and, by accepting this Warrant, the Warrantholder, each irrevocably submits to the exclusive jurisdiction of the courts of the State of New York

located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Warrant and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Warrant. The Company and, by accepting this Warrant, the Warrantholder, each irrevocably consents to the jurisdiction of any such court in any such suit, action or proceeding and to the laying of venue in such court. The Company and, by accepting this Warrant, the Warrantholder, each irrevocably waives any objection to the laying of venue of any such suit, action or proceeding brought in such courts and irrevocably waives any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum. **EACH OF THE COMPANY AND, BY ITS ACCEPTANCE HEREOF, THE WARRANTHOLDER HEREBY WAIVES ANY RIGHT TO REQUEST A TRIAL BY JURY IN ANY LITIGATION WITH RESPECT TO THIS WARRANT AND REPRESENTS THAT COUNSEL HAS BEEN CONSULTED SPECIFICALLY AS TO THIS WAIVER.**

Section 18. Cashless Exercise. Notwithstanding any other provision contained herein to the contrary, from and after the first anniversary of the Closing Date (as defined in the Purchase Agreement) and so long as the Company is required under the Registration Rights Agreement to have effected the registration of the Warrant Shares for sale to the public pursuant to a Registration Statement (as such term is defined in the Registration Rights Agreement), if the Warrant Shares may not be freely sold to the public for any reason (including, but not limited to, the failure of the Company to have effected the registration of the Warrant Shares or to have a current prospectus available for delivery or otherwise, but excluding the period of any Allowed Delay (as defined in the Registration Rights Agreement), the Warrantholder may elect to receive, without the payment by the Warrantholder of the aggregate Warrant Price in respect of the shares of Common Stock to be acquired, shares of Common Stock equal to the value of this Warrant or any portion hereof by the surrender of this Warrant (or such portion of this Warrant being so exercised) together with the Net Issue Election Notice annexed hereto as Appendix B duly executed, at the office of the Company. Thereupon, the Company shall issue to the Warrantholder such number of fully paid, validly issued and nonassessable shares of Common Stock as is computed using the following formula:

$$X = \frac{Y (A - B)}{A}$$

where

X = the number of shares of Common Stock which the Warrantholder has then requested be issued to the Warrantholder;

Y = the total number of shares of Common Stock covered by this Warrant which the Warrantholder has surrendered at such time for cash-less exercise (including both shares to be issued to the Warrantholder and shares to be canceled as payment therefor);

A = the "Market Price" of one share of Common Stock as at the time the net issue election is made; and

B = the Warrant Price in effect under this Warrant at the time the net issue election is made.

Section 19. No Rights as Stockholder. Prior to the exercise of this Warrant, the Warrantholder shall not have or exercise any rights as a stockholder of the Company by virtue of its ownership of this Warrant.

Section 20. Amendment; Waiver. This Warrant is one of a series of Warrants of like tenor issued by the Company pursuant to the Purchase Agreement and initially covering an aggregate of 17,307,692 shares (subject to stockholder approval) of Common Stock (collectively, the "Company Warrants"). Any term of this Warrant may be amended or waived (including the adjustment provisions included in Section 8 of this Warrant) upon the written consent of the Company and the holders of Company Warrants representing at least 50% of the number of shares of Common Stock then subject to all outstanding Company Warrants (the "Majority Holders"); provided, that (x) any such amendment or waiver must apply to all Company Warrants; and (y) the number of Warrant Shares subject to this Warrant, the Warrant Price and the Expiration Date may not be amended, and the right to exercise this Warrant may not be altered or waived, without the written consent of the Warrantholder.

Section 21. Section Headings. The section headings in this Warrant are for the convenience of the Company and the Warrantholder and in no way alter, modify, amend, limit or restrict the provisions hereof.

IN WITNESS WHEREOF, the Company has caused this Warrant to be duly executed, as of the ____ day of July, 2005.

TEGAL CORPORATION

By: _____
Name: Thomas R. Mika
Title: President and Chief Executive Officer

APPENDIX A
TEGAL CORPORATION
WARRANT EXERCISE FORM

To Tegal Corporation:

The undersigned hereby irrevocably elects to exercise the right of purchase represented by the within Warrant ("Warrant") for, and to purchase thereunder by the payment of the Warrant Price and surrender of the Warrant, _____ shares of Common Stock ("Warrant Shares") provided for therein, and requests that certificates for the Warrant Shares be issued as follows:

Name

Address

Federal Tax ID or Social Security No.

and delivered by _____ (certified mail to the above address, or
(electronically (provide DWAC Instructions: _____), or
(other (specify): _____).

and, if the number of Warrant Shares shall not be all the Warrant Shares purchasable upon exercise of the Warrant, that a new Warrant for the balance of the Warrant Shares purchasable upon exercise of this Warrant be registered in the name of the undersigned Warrantholder or the undersigned's Assignee as below indicated and delivered to the address stated below.

Dated: _____, _____

Note: The signature must correspond with the name of the Warrantholder as written on the first page of the Warrant in every particular, without alteration or enlargement or any change whatever, unless the Warrant has been assigned.

Signature: _____

Name (please print)

Address

Federal Identification or
Social Security No.

Assignee:

APPENDIX B
TEGAL CORPORATION
NET ISSUE ELECTION NOTICE

To: Tegal Corporation

Date: [_____]

The undersigned hereby elects under Section 18 of this Warrant to surrender the right to purchase [_____] shares of Common Stock pursuant to this Warrant and hereby requests the issuance of [_____] shares of Common Stock. The certificate(s) for the shares issuable upon such net issue election shall be issued in the name of the undersigned or as otherwise indicated below.

Signature

Name for Registration

Mailing Address

FORM OF REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (the “Agreement”) is made and entered into as of this ____ day of July, 2005 by and among Tegal Corporation, a Delaware corporation (the “Company”), and the “Investors” named in that certain Purchase Agreement by and among the Company and the Investors (the “Purchase Agreement”).

The parties hereby agree as follows:

1. Certain Definitions.

As used in this Agreement, the following terms shall have the following meanings:

“Affiliate” means, with respect to any person, any other person which directly or indirectly controls, is controlled by, or is under common control with, such person.

“Business Day” means a day, other than a Saturday or Sunday, on which banks in New York City are open for the general transaction of business.

“Common Stock” shall mean the Company’s common stock, par value \$0.01 per share, and any securities into which such shares may hereinafter be reclassified.

“Investors” shall mean the Investors identified in the Purchase Agreement and any Affiliate or permitted transferee of any Investor who is a subsequent holder of any Warrants or Registrable Securities.

“Prospectus” shall mean the prospectus included in any Registration Statement, as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by such Registration Statement and by all other amendments and supplements to the prospectus, including post-effective amendments and all material incorporated by reference in such prospectus.

“Register,” “registered” and “registration” refer to a registration made by preparing and filing a Registration Statement or similar document in compliance with the 1933 Act (as defined below), and the declaration or ordering of effectiveness of such Registration Statement or document.

“Registrable Securities” shall mean (i) the Shares, (ii) the Warrant Shares and (iii) any other securities issued or issuable with respect to or in exchange for Registrable Securities; provided, that, a security shall cease to be a Registrable Security upon (A) sale pursuant to a Registration Statement or Rule 144 under the 1933 Act, or (B) such security becoming eligible for sale by the Investors pursuant to Rule 144(k).

“Registration Statement” shall mean any registration statement of the Company filed under the 1933 Act that covers the resale of any of the Registrable Securities pursuant to the provisions of this Agreement, amendments and supplements to such Registration Statement, including post-effective amendments, all exhibits and all material incorporated by reference in such Registration Statement.

“Required Investors” means the Investors holding a majority of the Registrable Securities.

“SEC” means the U.S. Securities and Exchange Commission.

“Shares” means the shares of Common Stock issued pursuant to the Purchase Agreement.

“1933 Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“1934 Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Warrants” means, the warrants to purchase shares of Common Stock issued to the Investors pursuant to the Purchase Agreement, the form of which is attached to the Purchase Agreement as Exhibit A.

“Warrant Shares” means the shares of Common Stock issuable upon the exercise of the Warrants.

2. Registration.

(a) Registration Statements.

(i) Promptly following the First Closing (as defined in the Purchase Agreement but no later than thirty (30) days after the First Closing (the “Filing Deadline”), the Company shall prepare and file with the SEC one Registration Statement on Form S-3 (or, if Form S-3 is not then available to the Company, on such form of registration statement as is then available to effect a registration for resale of the Registrable Securities), covering the resale of the Registrable Securities in an amount at least equal to the Shares and the Warrant Shares. Such Registration Statement shall include the plan of distribution attached hereto as Exhibit A, subject to any SEC comments thereon. Such Registration Statement also shall cover, to the extent allowable under the 1933 Act and the rules promulgated thereunder (including Rule 416), such indeterminate number of additional shares of Common Stock resulting from stock splits, stock dividends or similar transactions with respect to the Registrable Securities. The Company shall use its reasonable best efforts to obtain from each person who now has piggyback registration rights a waiver of those rights with respect to the Registration Statement. The Registration Statement (and each

amendment or supplement thereto, and each request for acceleration of effectiveness thereof) shall be provided in accordance with Section 3(c) to the Investors and their counsel prior to its filing or other submission. If a Registration Statement covering the Registrable Securities is not filed with the SEC on or prior to the Filing Deadline, the Company will make pro rata payments to each Investor, as liquidated damages and not as a penalty, in an amount equal to 1.5% of the aggregate amount invested by such Investor for each 30-day period or pro rata for any portion thereof following the Filing Deadline for which no Registration Statement is filed with respect to the Registrable Securities. Such payments shall be in partial compensation to the Investors, and shall not constitute the Investors' exclusive remedy for such events. Such payments shall be made to each Investor in cash.

(ii) Additional Registrable Securities. Upon the written demand of any Investor following any change in the Warrant Price (as defined in the Warrant) such that additional shares of Common Stock become issuable upon the exercise of the Warrants, the Company shall prepare and file with the SEC one or more Registration Statements on Form S-3 or amend the Registration Statement filed pursuant to clause (i) above, if such Registration Statement has not previously been declared effective (or, if Form S-3 is not then available to the Company, on such form of registration statement as is then available to effect a registration for resale of such additional shares of Common Stock (the "Additional Shares")) covering the resale of the Additional Shares, but only to the extent the Additional Shares are not at the time covered by an effective Registration Statement. Such Registration Statement also shall cover, to the extent allowable under the 1933 Act and the rules promulgated thereunder (including Rule 416), such indeterminate number of additional shares of Common Stock resulting from stock splits, stock dividends or similar transactions with respect to the Additional Shares. The Company shall use its reasonable best efforts to obtain from each person who now has piggyback registration rights a waiver of those rights with respect to such Registration Statement. The Registration Statement (and each amendment or supplement thereto, and each request for acceleration of effectiveness thereof) shall be provided in accordance with Section 3(c) to the Investors and their counsel prior to its filing or other submission. If a Registration Statement covering the Additional Shares is required to be filed under this Section 2(a)(ii) and is not filed with the SEC within five Business Days of the demand of any Investor, the Company will make pro rata payments to each Investor, as liquidated damages and not as a penalty, in an amount equal to 1.5% of the aggregate amount invested by such Investor for each 30-day period or pro rata for any portion thereof following the date by which such Registration Statement should have been filed for which no Registration Statement is filed with respect to the Additional Shares. Such payments shall be in partial compensation to the Investors, and shall not constitute the Investors' exclusive remedy for such events. Such payments shall be made to each Investor in cash.

(b) Expenses. The Company will pay all expenses associated with each registration, including filing and printing fees, the Company's counsel and accounting fees and expenses, costs associated with clearing the Registrable Securities for sale under applicable state securities laws, listing fees, fees and expenses of one counsel to the Investors (subject to a cap of \$5,000), but excluding discounts, commissions, fees of underwriters, selling brokers, dealer managers or similar securities industry professionals with respect to the Registrable Securities being sold.

(c) Effectiveness.

(i) The Company shall use commercially reasonable efforts to have the Registration Statement declared effective as soon as practicable. The Company shall notify the Investors by facsimile or e-mail as promptly as practicable, and in any event, within twenty-four (24) hours, after any Registration Statement is declared effective and shall simultaneously provide the Investors with copies of any related Prospectus to be used in connection with the sale or other disposition of the securities covered thereby. If (A)(x) a Registration Statement covering the Registrable Securities is not declared effective by the SEC prior to the earlier of (i) five (5) Business Days after the SEC shall have informed the Company that no review of the Registration Statement will be made or (ii) the 90th day after the First Closing (the 120th day in the event that the Registration Statement is subject to review by the SEC), or (y) a Registration Statement covering Additional Shares is not declared effective by the SEC within ninety (90) days following the time such Registration Statement was required to be filed pursuant to Section 2(a)(ii) (120 days in the event that the Registration Statement is subject to review by the SEC), or (B) after a Registration Statement has been declared effective by the SEC, sales cannot be made pursuant to such Registration Statement for any reason (including without limitation by reason of a stop order, or the Company's failure to update the Registration Statement), but excluding the inability of any Investor to sell the Registrable Securities covered thereby due to market conditions and except as excused pursuant to subparagraph (ii) below, then the Company will make pro rata payments to each Investor, as liquidated damages and not as a penalty, in an amount equal to 1.5% of the aggregate amount invested by such Investor for each 30-day period or pro rata for any portion thereof following the date by which such Registration Statement should have been effective (the "Blackout Period"). Such payments shall be in partial compensation to the Investors, and shall not constitute the Investors' exclusive remedy for such events. The amounts payable as liquidated damages pursuant to this paragraph shall be paid monthly within three (3) Business Days of the last day of each month following the commencement of the Blackout Period until the termination of the Blackout Period. Such payments shall be made to each Investor in cash.

(ii) For not more than twenty (20) consecutive days or for a total of not more than forty-five (45) days in any twelve (12) month period, the Company may delay the disclosure of material non-public information concerning the Company, by suspending the use of any Prospectus included in any registration contemplated by this Section containing such information, the disclosure of which at the time is not, in the good faith opinion of the Company, in the best interests of the Company (an "Allowed Delay"); provided, that the Company shall promptly (a) notify the Investors in writing of the existence of (but in no event, without the prior written consent of an Investor, shall the Company disclose to such Investor any of the facts or circumstances regarding) material non-public information giving rise to an Allowed Delay, (b) advise the Investors in writing to cease all sales under the Registration Statement until the end of the Allowed Delay and (c) use commercially reasonable efforts to terminate an Allowed Delay as promptly as practicable.

3. Company Obligations. The Company will use commercially reasonable efforts to effect the registration of the Registrable Securities in accordance with the terms hereof, and pursuant thereto the Company will, as expeditiously as possible:

(a) use commercially reasonable efforts to cause such Registration Statement to become effective and to remain continuously effective for a period that will terminate upon the earlier of (i) the date on which all Registrable Securities covered by such Registration Statement as amended from time to time, have been sold, and (ii) the date on which all Registrable Securities covered by such Registration Statement may be sold pursuant to Rule 144(k) (the "Effectiveness Period") and advise the Investors in writing when the Effectiveness Period has expired;

(b) prepare and file with the SEC such amendments and post-effective amendments to the Registration Statement and the Prospectus as may be necessary to keep the Registration Statement effective for the period specified in Section 3(a) and to comply with the provisions of the 1933 Act and the 1934 Act with respect to the distribution of all of the Registrable Securities covered thereby;

(c) provide copies to and permit counsel designated by the Investors to review each Registration Statement and all amendments and supplements thereto no fewer than three (3) Business Days prior to their filing with the SEC and shall duly consider comments made by such counsel thereon;

(d) furnish to the Investors and their legal counsel (i) promptly after the same is prepared and publicly distributed, filed with the SEC, or received by the Company (but not later than two (2) Business Days after the filing date, receipt date or sending date, as the case may be) one (1) copy of any Registration Statement and any amendment thereto, each preliminary prospectus and Prospectus and each amendment or supplement thereto, and each letter written by or on behalf of the Company to the SEC or the staff of the SEC, and each item of correspondence from the SEC or the staff of the SEC, in each case relating to such Registration Statement (other than any portion of any thereof which contains information for which the Company has sought confidential treatment), and (ii) an electronic copy of a Prospectus, including a preliminary prospectus, and all amendments and supplements thereto and such other documents as each Investor may reasonably request in connection with the disposition of the Registrable Securities owned by such Investor that are covered by the related Registration Statement;

(e) use commercially reasonable efforts to (i) prevent the issuance of any stop order or other suspension of effectiveness and, (ii) if such order is issued, obtain the withdrawal of any such order at the earliest possible moment;

(f) prior to any public offering of Registrable Securities, use commercially reasonable efforts to register or qualify or cooperate with the Investors and their counsel in connection with the registration or qualification of such Registrable Securities for offer and sale under the securities or blue sky laws of such jurisdictions requested by the Investors and do any and all other commercially reasonable acts or things necessary or advisable to enable the distribution in such jurisdictions of the Registrable Securities covered by the Registration Statement; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (i) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(f), (ii) subject itself to general taxation in any jurisdiction where it would not otherwise be so subject but for this Section 3(f), or (iii) file a general consent to service of process in any such jurisdiction;

(g) use commercially reasonable efforts to cause all Registrable Securities covered by a Registration Statement to be listed on each securities exchange, interdealer quotation system or other market on which similar securities issued by the Company are then listed;

(h) immediately notify the Investors, at any time when a Prospectus relating to Registrable Securities is required to be delivered under the 1933 Act, upon discovery that, or upon the happening of any event as a result of which, the Prospectus included in a Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state any material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing, and at the request of any such holder, promptly prepare and furnish to such holder an electronic copy of a supplement to or an amendment of such Prospectus as may be necessary so that, as thereafter delivered to the purchasers of such Registrable Securities, such Prospectus shall not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing; and

(i) otherwise use commercially reasonable efforts to comply with all applicable rules and regulations of the SEC under the 1933 Act and the 1934 Act, take such other actions as may be reasonably necessary to facilitate the registration of the Registrable Securities hereunder; and make available to its security holders, as soon as reasonably practicable, but not later than the Availability Date (as defined below), an earnings statement covering a period of at least twelve (12) months, beginning after the effective date of each Registration Statement, which earnings statement shall satisfy the provisions of Section 11(a) of the 1933 Act, including Rule 158 promulgated thereunder (for the purpose of this subsection 3(i), "Availability Date" means the 45th day following the end of the fourth fiscal quarter that includes the effective date of such Registration Statement, except that, if such fourth fiscal quarter is the last quarter of the Company's fiscal year, "Availability Date" means the 90th day after the end of such fourth fiscal quarter).

(j) With a view to making available to the Investors the benefits of Rule 144 (or its successor rule) and any other rule or regulation of the SEC that may at any time permit the Investors to sell shares of Common Stock to the public without registration, the Company covenants and agrees to: (i) make and keep public information available, as those terms are understood and defined in Rule 144, until the earlier of (A) the date all of the Registrable Securities may be resold pursuant to Rule 144(k) or any other rule of similar effect or (B) such date as all of the Registrable Securities shall have been resold; (ii) file with the SEC in a timely manner all reports and other documents required of the Company under the 1934 Act; and (iii) furnish to each Investor upon request, as long as such Investor owns any Registrable Securities, (A) a written statement by the Company that it has complied with the reporting requirements of the 1934 Act, (B) a copy of the Company's most recent Annual Report on Form 10-K or Quarterly Report on Form 10-Q, and (C) such other information as may be reasonably requested in order to avail such Investor of any rule or regulation of the SEC that permits the selling of any such Registrable Securities without registration.

4. Due Diligence Review; Information. In the event that an Investor notifies the Company that it is reasonably necessary for such Investor to conduct a due diligence review of the Company for the purpose of availing itself of any defense to liability provided under Section 11 or Section 12 of the 1933 Act, the Company shall make available, during normal business hours, for inspection and review by such Investors and its advisors (who may or may not be affiliated with such Investor and who are reasonably acceptable to the Company), all financial and other records, all SEC Filings (as defined in the Purchase Agreement) and other filings with the SEC, and all other corporate documents and properties of the Company as may be reasonably necessary for the purpose of such review, and cause the Company's officers, directors and employees, within a reasonable time period, to supply all such information reasonably requested by such Investors or any such advisor in connection with such Registration Statement (including, without limitation, in response to all questions and other inquiries reasonably made or submitted by any of them), prior to and from time to time after the filing and effectiveness of the Registration Statement for the sole purpose of enabling such Investor and such advisors to conduct initial and ongoing due diligence with respect to the Company and the accuracy of such Registration Statement.

The Company shall not disclose material nonpublic information to any such Investor or its advisors pursuant to this Section 4 unless prior to disclosure of such information the Company identifies such information as being material nonpublic information and provides such Investor or its advisors with the opportunity to accept or refuse to accept such material nonpublic information for review and any such Investor wishing to obtain such information enters into an appropriate confidentiality agreement with the Company with respect thereto.

5. Obligations of the Investors.

(a) Each Investor shall furnish in writing to the Company such information regarding itself, the Registrable Securities held by it and the intended method of disposition of the Registrable Securities held by it, as shall be reasonably required to effect the registration of such Registrable Securities and shall execute such documents in connection with such registration as the Company may reasonably request. At least five (5) Business Days prior to the first anticipated filing date of any Registration Statement, the Company shall notify each Investor of the information the Company requires from such Investor if such Investor elects to have any of the Registrable Securities included in the Registration Statement. An Investor shall provide such information to the Company at least two (2) Business Days prior to the first anticipated filing date of such Registration Statement if such Investor elects to have any of the Registrable Securities included in the Registration Statement.

(b) Each Investor, by its acceptance of the Registrable Securities agrees to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of a Registration Statement hereunder, unless such Investor has notified the Company in writing of its election to exclude all of its Registrable Securities from such Registration Statement.

(c) Each Investor agrees that, upon receipt of any notice from the Company of either (i) the commencement of an Allowed Delay pursuant to Section 2(c)(ii) or (ii) the happening of an event pursuant to Section 3(h) hereof, such Investor will immediately discontinue disposition of Registrable Securities pursuant to the Registration Statement covering such Registrable Securities, until the Investor's receipt of the supplemented or amended prospectus filed with the SEC and until any related post-effective amendment is declared effective and, if so directed by the Company, the Investor shall deliver to the Company (at the expense of the Company) or destroy (and deliver to the Company a certificate of destruction) all copies in the Investor's possession of the Prospectus covering the Registrable Securities current at the time of receipt of such notice.

6. Indemnification.

(a) Indemnification by the Company. The Company will indemnify and hold each Investor and its officers, directors, members, employees and agents, successors and assigns, and each other person, if any, who controls such Investor within the meaning of the 1933 Act, against any losses, claims, damages or liabilities, joint or several, to which they may become subject under the 1933 Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement of any material fact contained in any Registration Statement, any preliminary prospectus or final prospectus contained therein, or any amendment or supplement thereof; (ii) any blue sky application or other document executed by the Company specifically for that purpose or based upon written information furnished by the Company filed in any state or other jurisdiction in order to qualify any or all of the Registrable Securities under the securities laws thereof (any such application, document or information herein called a "Blue Sky Application"); (iii) the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading; (iv) any violation by the Company or its agents of any rule or regulation promulgated under the 1933 Act applicable to the Company or its agents and relating to action or inaction required of the Company in connection with such registration; or (v) any failure to register or qualify the Registrable Securities included in any such Registration in any state where the Company or its agents has affirmatively undertaken or agreed in writing that the Company will undertake such registration or qualification on an Investor's behalf and will reimburse such Investor, and each such officer, director or member and each such controlling person for any legal or other expenses reasonably incurred by them in connection with investigating or defending any such loss, claim, damage, liability or action; provided, however, that the Company will not be liable in any such case if and to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission so made in conformity with information furnished by such Investor or any such controlling person in writing specifically for use in such Registration Statement or Prospectus.

(b) Indemnification by the Investors. Each Investor agrees, severally but not jointly, to indemnify and hold harmless, to the fullest extent permitted by law, the Company, its directors, officers, employees, stockholders and each person who controls the Company (within the meaning of the 1933 Act) against any losses, claims, damages, liabilities and expense (including reasonable attorney fees) resulting from any untrue statement of a material fact or any omission of a material fact required to be stated in the Registration Statement or Prospectus or preliminary prospectus or amendment or supplement thereto or necessary to make the statements therein not misleading, to the extent, but only to the extent that such untrue statement or omission is contained in any information furnished in writing by such Investor to the Company specifically for inclusion in such Registration Statement or Prospectus or amendment or supplement thereto. In no event shall the liability of an Investor be greater in amount than the dollar amount of the proceeds (net of all expense paid by such Investor in connection with any claim relating to this Section 6 and the amount of any damages such Investor has otherwise been required to pay by reason of such untrue statement or omission) received by such Investor upon the sale of the Registrable Securities included in the Registration Statement giving rise to such indemnification obligation.

(c) Conduct of Indemnification Proceedings. Any person entitled to indemnification hereunder shall (i) give prompt notice to the indemnifying party of any claim with respect to which it seeks indemnification and (ii) permit such indemnifying party to assume the defense of such claim with counsel reasonably satisfactory to the indemnified party; provided that any person entitled to indemnification hereunder shall have the right to employ separate counsel and to participate in the defense of such claim, but the fees and expenses of such counsel shall be at the expense of such person unless (a) the indemnifying party has agreed to pay such fees or expenses, or (b) the indemnifying party shall have failed to assume the defense of such claim within five (5) Business Days after written notice thereof and employ counsel reasonably satisfactory to such person or (c) in the reasonable judgment of any such person, based upon written advice of its counsel, a conflict of interest exists between such person and the indemnifying party with respect to such claims (in which case, if the person notifies the indemnifying party in writing that such person elects to employ separate counsel at the expense of the indemnifying party, the indemnifying party shall not have the right to assume the defense of such claim on behalf of such person); and provided, further, that the failure of any indemnified party to give notice as provided herein shall not relieve the indemnifying party of its obligations

hereunder, except to the extent that such failure to give notice shall materially adversely affect the indemnifying party in the defense of any such claim or litigation. It is understood that the indemnifying party shall not, in connection with any proceeding in the same jurisdiction, be liable for fees or expenses of more than one separate firm of attorneys at any time for all such indemnified parties. No indemnifying party will, except with the consent of the indemnified party, consent to entry of any judgment or enter into any settlement that does not include as an unconditional term thereof the giving by the claimant or plaintiff to such indemnified party of a release from all liability in respect of such claim or litigation.

(d) Contribution. If for any reason the indemnification provided for in the preceding paragraphs (a) and (b) is unavailable to an indemnified party or insufficient to hold it harmless, other than as expressly specified therein, then the indemnifying party shall contribute to the amount paid or payable by the indemnified party as a result of such loss, claim, damage or liability in such proportion as is appropriate to reflect the relative fault of the indemnified party and the indemnifying party, as well as any other relevant equitable considerations. No person guilty of fraudulent misrepresentation within the meaning of Section 11(f) of the 1933 Act shall be entitled to contribution from any person not guilty of such fraudulent misrepresentation. In no event shall the contribution obligation of a holder of Registrable Securities be greater in amount than the dollar amount of the proceeds (net of all expenses paid by such holder in connection with any claim relating to this Section 6 and the amount of any damages such holder has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission) received by it upon the sale of the Registrable Securities giving rise to such contribution obligation.

7. Miscellaneous.

(a) Amendments and Waivers. This Agreement may be amended only by a writing signed by the Company and the Required Investors. The Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company shall have obtained the written consent to such amendment, action or omission to act, of the Required Investors.

(b) Notices. All notices and other communications provided for or permitted hereunder shall be made as set forth in Section 9.4 of the Purchase Agreement.

(c) Assignments and Transfers by Investors. The provisions of this Agreement shall be binding upon and inure to the benefit of the Investors and their respective successors and assigns. An Investor may transfer or assign, in whole or from time to time in part, to one or more persons its rights hereunder in connection with the transfer of Registrable Securities by such Investor to such person, provided that such Investor complies with all laws applicable thereto and provides written notice of assignment to the Company promptly after such assignment is effected.

(d) Assignments and Transfers by the Company. This Agreement may not be assigned by the Company (whether by operation of law or otherwise) without the prior written consent of the Required Investors, provided, however, that the Company may assign its rights and delegate its duties hereunder to any surviving or successor corporation in connection with a merger or consolidation of the Company with another corporation, or a sale, transfer or other disposition of all or substantially all of the Company's assets to another corporation, without the prior written consent of the Required Investors, after notice duly given by the Company to each Investor.

(e) Benefits of the Agreement. The terms and conditions of this Agreement shall inure to the benefit of and be binding upon the respective permitted successors and assigns of the parties. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

(f) Counterparts; Faxes. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. This Agreement may also be executed via facsimile, which shall be deemed an original.

(g) Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

(h) Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof but shall be interpreted as if it were written so as to be enforceable to the maximum extent permitted by applicable law, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. To the extent permitted by applicable law, the parties hereby waive any provision of law which renders any provisions hereof prohibited or unenforceable in any respect.

(i) Further Assurances. The parties shall execute and deliver all such further instruments and documents and take all such other actions as may reasonably be required to carry out the transactions contemplated hereby and to evidence the fulfillment of the agreements herein contained.

(j) Entire Agreement. This Agreement is intended by the parties as a final expression of their agreement and intended to be a complete and exclusive statement of the agreement and understanding of the parties hereto in respect of the subject matter contained herein. This Agreement supersedes all prior agreements and understandings between the parties with respect to such subject matter.

(k) Governing Law; Consent to Jurisdiction; Waiver of Jury Trial. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to the choice of law principles thereof. Each of the parties hereto irrevocably submits to the exclusive jurisdiction of the courts of the State of New York located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Agreement and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement. Each of the parties hereto irrevocably consents to the jurisdiction of any such court in any such suit, action or proceeding and to

In connection with the sale of our common stock or interests therein, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the common stock in the course of hedging the positions they assume. The selling stockholders may also sell shares of our common stock short and deliver these securities to close out their short positions, or loan or pledge the common stock to broker-dealers that in turn may sell these securities. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The aggregate proceeds to the selling stockholders from the sale of the common stock offered by them will be the purchase price of the common stock less discounts or commissions, if any. Each of the selling stockholders reserves the right to accept and, together with their agents from time to time, to reject, in whole or in part, any proposed purchase of common stock to be made directly or through agents. We will not receive any of the proceeds from this offering. Upon any exercise of the warrants by payment of cash, however, we will receive the exercise price of the warrants.

The selling stockholders also may resell all or a portion of the shares in open market transactions in reliance upon Rule 144 under the Securities Act of 1933, provided that they meet the criteria and conform to the requirements of that rule.

The selling stockholders and any underwriters, broker-dealers or agents that participate in the sale of the common stock or interests therein may be “underwriters” within the meaning of Section 2(11) of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the shares may be underwriting discounts and commissions under the Securities Act. Selling stockholders who are “underwriters” within the meaning of Section 2(11) of the Securities Act will be subject to the prospectus delivery requirements of the Securities Act.

To the extent required, the shares of our common stock to be sold, the names of the selling stockholders, the respective purchase prices and public offering prices, the names of any agents, dealer or underwriter, any applicable commissions or discounts with respect to a particular offer will be set forth in an accompanying prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus.

In order to comply with the securities laws of some states, if applicable, the common stock may be sold in these jurisdictions only through registered or licensed brokers or dealers. In addition, in some states the common stock may not be sold unless it has been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

We have advised the selling stockholders that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of shares in the market and to the activities of the selling stockholders and their affiliates. In addition, we will make copies of this prospectus (as it may be supplemented or amended from time to time) available to the selling stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The selling stockholders may indemnify any broker-dealer that participates in transactions involving the sale of the shares against certain liabilities, including liabilities arising under the Securities Act.

We have agreed to indemnify the selling stockholders against liabilities, including liabilities under the Securities Act and state securities laws, relating to the registration of the shares offered by this prospectus.

We have agreed with the selling stockholders to keep the registration statement of which this prospectus constitutes a part effective until the earlier of (1) such time as all of the shares covered by this prospectus have been disposed of pursuant to and in accordance with the registration statement or (2) the date on which the shares may be sold pursuant to Rule 144(k) of the Securities Act.

TEGAL SIGNS DEFINITIVE AGREEMENTS FOR A \$22.5 MILLION EQUITY FINANCING

PETALUMA, Calif., July 11, 2005 — Tegal Corporation (Nasdaq: TGAL), a leading designer and manufacturer of plasma etch and deposition systems used in the production of integrated circuits and nanotechnology devices, today announced it has signed definitive agreements with institutional investors to raise a total of \$22.5 million in equity capital.

Tegal agreed to sell to investors \$22.5 million in common stock and 5-year warrants in two steps. The first step involves the sale of approximately 6.3 million common shares and approximately 3.15 million warrants (to purchase additional common shares with an exercise price of \$1.00 per share) for proceeds of \$4.1 million. The second step, which will raise \$18.4 million through the sale of approximately 28.3 million common shares and approximately 14.2 million warrants (also with a exercise price of \$1.00 per share), is subject to shareholder approval at Tegal's annual shareholder meeting, currently scheduled for September 13, 2005. Shareholders of record as of July 27, 2005 will be entitled to vote at the meeting.

Notice

The securities sold in this private placement have not been registered under the Securities Act of 1933, as amended, or any state securities laws, and were sold in a private placement pursuant to Regulation D of the Securities Act. The securities may not be offered or sold in the United States absent registration or pursuant to an exemption from the registration requirements of the Securities Act and applicable state securities laws. Tegal has agreed to file a registration statement covering the resale of the shares of common stock acquired by the investors and shares of common stock issuable upon exercise of the warrants acquired by the investors.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of these securities in any state in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state.

Safe Harbor Statement

Except for historical information, matters discussed in this news release contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Forward-looking statements, which are based on assumptions and describe our future plans, strategies and expectations, are generally identifiable by the use of the words "anticipate," "believe," "estimate," "expect," "intend," "project" or similar expressions. These forward-looking statements are subject to risks, uncertainties and assumptions about the Company including, but not limited to industry conditions, economic conditions, acceptance of new technologies and market acceptance of the Company's products and services. All forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the cautionary statements in this paragraph. For a further discussion of these risks and uncertainties, please refer to the Company's periodic filings with the Securities and Exchange Commission.

About Tegal

Tegal Corporation, headquartered in Petaluma, California, is a leading designer and manufacturer of plasma etch and deposition systems used in the production of MEMS, smart cards, opto-telecom devices, integrated circuits (ICs), and other related microelectronics devices. Both etching and deposition are key process steps and must be repeated multiple times in the production of these devices. Tegal markets and services its systems in all major IC-producing regions of the world.

More information is available on the Internet at: www.tegal.com.

Contact:

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