



PLEASE MARK VOTES AS IN THIS EXAMPLE

PROXY TEGAL CORPORATION

THIS PROXY IS SOLICITED BY AND ON BEHALF OF THE BOARD OF DIRECTORS FOR THE ANNUAL MEETING OF STOCKHOLDERS ON MARCH 24, 2011

The undersigned hereby appoints Thomas R. Mika with full power of substitution, as proxy, and hereby authorizes him to represent and to vote, as designated below, all shares of common stock of Tegal Corporation which the undersigned may be entitled to vote at the Annual Meeting of Stockholders to be held on March 24, 2011, and any and all adjournments or postponements of the Annual Meeting.

THIS PROXY WILL BE VOTED AS DIRECTED. IF NO CONTRARY INSTRUCTION IS INDICATED, THIS PROXY WILL BE VOTED FOR THE ELECTION OF THE FOUR NOMINEES LISTED ABOVE (PROPOSAL 1), FOR PROPOSAL 2, and FOR PROPOSAL 3

1. Election of Directors:

(01) Gilbert Bellini
(02) Jeffrey M. Krauss

(03) Thomas R. Mika
(04) Carl Muscari

For	With- hold	For All Except
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSTRUCTION: To withhold authority to vote for any individual nominee, mark "For All Except" and write that nominee's name in the space provided below.

2. To approve an amendment to our 2007 Equity Incentive Award Plan pursuant to which (a) the number of shares available for issuance under the plan will be increased from 1,300,000 to 2,300,000 shares and (b) the maximum number of shares that may be subject to awards granted to any individual under the plan in any calendar year will be increased from 350,000 shares to 500,000 shares;

For	Against	Abstain
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Proposal to ratify the appointment of Burr, Pilger & Mayer LLP as our Independent Registered Public Accounting Firm for the fiscal year ending March 31, 2011.

For	Against	Abstain
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. In their discretion, the proxies are authorized to vote upon such other business as may properly come before the Annual Meeting and any and all adjournments or postponements of the Annual Meeting.

The Board of Directors recommends that you vote FOR the nominees in Proposal 1, FOR adoption of Proposal 2, and FOR adoption of Proposal 3.

ANY PREVIOUS PROXY EXECUTED BY THE SIGNED IS HEREBY REVOKED.

Receipt of the notice of the Annual Meeting and the proxy statement is hereby acknowledged.

Mark here if you plan to attend the meeting.

Note: Please sign exactly as addressed hereon. Joint owners should each sign. Executors, administrators, trustees, guardians and attorneys should so indicate when signing. Attorneys should submit powers of attorney. Corporations and partnerships should sign in full corporate or partnership name by an authorized officer.

Please be sure to date and sign this proxy card in the box below.

Date

Sign above _____	Co-holder (if any) sign above _____
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Detach above card, sign, date and mail in postage paid envelope provided.

Tegal Corporation

PLEASE COMPLETE, DATE, SIGN, AND MAIL THIS PROXY CARD PROMPTLY IN THE ENCLOSED POSTAGE-PAID ENVELOPE.

IF YOUR ADDRESS HAS CHANGED, PLEASE CORRECT THE ADDRESS IN THE SPACE PROVIDED BELOW AND RETURN THIS PORTION WITH THE PROXY IN THE ENVELOPE PROVIDED.

ON-LINE ANNUAL MEETING MATERIALS:
<http://www.cfpproxy.com/6049>