

**AMENDED AND RESTATED
BYLAWS
OF
RITE AID CORPORATION**

As Amended through October 27, 2015

TABLE OF CONTENTS

Page

ARTICLE I OFFICES

Section 1.	Registered Office	1
Section 2.	Other Offices.....	1

ARTICLE II MEETINGS OF STOCKHOLDERS

Section 1.	Place of Meetings.....	1
Section 2.	Annual Meetings.....	1
Section 3.	Special Meetings.....	1
Section 4.	Nature of Business at Meetings of Stockholders	1
Section 5.	Nomination of Directors	3
Section 6.	Notice.....	5
Section 7.	Adjournments.....	6
Section 8.	Quorum	6
Section 9.	Voting	6
Section 10.	Proxies.....	6
Section 11.	Consent of Stockholders in Lieu of Meeting	7
Section 12.	List of Stockholders Entitled to Vote.....	8
Section 13.	Stock Ledger	8
Section 14.	Conduct of Meetings.....	9
Section 15.	Inspectors of Election	9
Section 16.	Proxy Access.....	9

ARTICLE III DIRECTORS

Section 1.	Number and Election of Directors	16
Section 2.	Vacancies	16
Section 3.	Duties and Powers.....	16
Section 4.	Meetings.....	16
Section 5.	Quorum	17
Section 6.	Actions by Written Consent.....	17
Section 7.	Meetings by Means of Conference Telephone	17
Section 8.	Committees	17
Section 9.	Compensation	18
Section 10.	Interested Directors.....	18

ARTICLE IV
OFFICERS

Section 1.	General	18
Section 2.	Election	19
Section 3.	Voting Securities Owned by the Corporation	19
Section 4.	Chairman of the Board of Directors.....	19
Section 5.	Non-Executive Co-Chairman of the Board of Directors	19
Section 6.	Chief Executive Officer	20
Section 7.	President.....	20
Section 8.	Vice Presidents.....	20
Section 9.	Secretary	20
Section 10.	Treasurer	21
Section 11.	Assistant Secretaries	21
Section 12.	Assistant Treasurers	21
Section 13.	Other Officers	21

ARTICLE V
STOCK

Section 1.	Stock Certificates and Uncertificated Shares.....	22
Section 2.	Signatures.....	22
Section 3.	Lost Certificates	22
Section 4.	Transfers	22
Section 5.	Record Date	23
Section 6.	Record Owners.....	24
Section 7.	Transfer and Registry Agents	24

ARTICLE VI
NOTICES

Section 1.	Notices	24
Section 2.	Waivers of Notice	24

ARTICLE VII
GENERAL PROVISIONS

Section 1.	Dividends	25
Section 2.	Disbursements.....	25
Section 3.	Fiscal Year	25
Section 4.	Corporate Seal.....	25
Section 5.	Forum for Adjudication of Certain Disputes.....	25

ARTICLE VIII
INDEMNIFICATION

Section 1.	Power to Indemnify in Actions, Suits or Proceedings other than Those by or in the Right of the Corporation.....	26
Section 2.	Power to Indemnify in Actions, Suits or Proceedings by or in the Right of the Corporation	26
Section 3.	Authorization of Indemnification	27
Section 4.	Good Faith Defined.....	27
Section 5.	Indemnification by a Court	28
Section 6.	Expenses Payable in Advance	28
Section 7.	Nonexclusivity of Indemnification and Advancement of Expenses.....	28
Section 8.	Insurance	28
Section 9.	Certain Definitions.....	29
Section 10.	Survival of Indemnification and Advancement of Expenses.....	29
Section 11.	Limitation on Indemnification	29
Section 12.	Indemnification of Employees and Agents.....	29

ARTICLE IX
AMENDMENTS

Section 1.	Amendments	29
Section 2.	Entire Board of Directors.....	30

AMENDED AND RESTATED

BY-LAWS

OF

RITE AID CORPORATION

(hereinafter called the "Corporation")

ARTICLE I

OFFICES

Section 1. Registered Office. The registered office of the Corporation shall be in the City of Wilmington, County of New Castle, State of Delaware.

Section 2. Other Offices. The Corporation may also have offices at such other places both within and without the State of Delaware as the Board of Directors may from time to time determine.

ARTICLE II

MEETINGS OF STOCKHOLDERS

Section 1. Place of Meetings. Meetings of the stockholders for the election of directors or for any other purpose shall be held at such time and place, either within or without the State of Delaware as shall be designated from time to time by the Board of Directors. The Board of Directors may, in its sole discretion, determine that a meeting of the stockholders shall not be held at any place, but may instead be held solely by means of remote communication in the manner authorized by the General Corporation Law of the State of Delaware (the "DGCL").

Section 2. Annual Meetings. The Annual Meetings of Stockholders for the election of directors shall be held on such date and at such time as shall be designated from time to time by the Board of Directors. Any other proper business may be transacted at the Annual Meeting of Stockholders.

Section 3. Special Meetings. Unless otherwise required by law, Special Meetings of Stockholders, for any purpose or purposes, may be called by either (i) the Chairman of the Board of Directors, (ii) the Chief Executive Officer, (iii) the President or (iv) the Board of Directors. The ability of the stockholders to call a Special Meeting of Stockholders is hereby specifically denied. At a Special Meeting of Stockholders, only such business shall be conducted as shall be specified in the notice of meeting (or any supplement thereto).

Section 4. Nature of Business at Meetings of Stockholders. Only such business (other than nominations for election to the Board of Directors, which must comply with the provisions of Section 5 or Section 16 of this Article II) may be transacted at an Annual Meeting of Stockholders as is either (a) specified in the notice of meeting (or any supplement thereto) given by or at the direction of the Board of Directors (or any duly authorized committee

thereof), (b) otherwise properly brought before the Annual Meeting by or at the direction of the Board of Directors (or any duly authorized committee thereof) or (c) otherwise properly brought before the Annual Meeting by any stockholder of the Corporation (i) who is a stockholder of record on the date of the giving of the notice provided for in this Section 4 and on the record date for the determination of stockholders entitled to notice of and to vote at such Annual Meeting and (ii) who complies with the notice procedures set forth in this Section 4.

In addition to any other applicable requirements, for business to be properly brought before an Annual Meeting by a stockholder, such stockholder must have given timely notice thereof in proper written form to the Secretary of the Corporation.

To be timely, a stockholder's notice to the Secretary must be delivered to or be mailed and received at the principal executive offices of the Corporation not less than 90 days nor more than 120 days prior to the anniversary date of the immediately preceding Annual Meeting of Stockholders; provided, however, that in the event that the Annual Meeting is called for a date that is not within 25 days before or after such anniversary date, notice by the stockholder in order to be timely must be so received not later than the close of business on the 10th day following the day on which such notice of the date of the Annual Meeting was mailed or such public disclosure of the date of the Annual Meeting was made, whichever first occurs. In no event shall the adjournment or postponement of an Annual Meeting, or the public announcement of such an adjournment or postponement, commence a new time period (or extend any time period) for the giving of a stockholder's notice as described above.

To be in proper written form, a stockholder's notice to the Secretary must set forth the following information: (a) as to each matter such stockholder proposes to bring before the Annual Meeting, a brief description of the business desired to be brought before the Annual Meeting and the reasons for conducting such business at the Annual Meeting, and (b) as to the stockholder giving notice and the beneficial owner, if any, on whose behalf the proposal is being made, (i) the name and address of such person, (ii) (A) the class or series and number of all shares of stock of the Corporation which are owned beneficially or of record by such person and any affiliates or associates of such person, (B) the name of each nominee holder of shares of all stock of the Corporation owned beneficially but not of record by such person or any affiliates or associates of such person, and the number of such shares of stock of the Corporation held by each such nominee holder, (C) whether and the extent to which any derivative instrument, swap, option, warrant, short interest, hedge or profit interest or other transaction has been entered into by or on behalf of such person, or any affiliates or associates of such person, with respect to stock of the Corporation and (D) whether and the extent to which any other transaction, agreement, arrangement or understanding (including any short position or any borrowing or lending of shares of stock of the Corporation) has been made by or on behalf of such person, or any affiliates or associates of such person, the effect or intent of any of the foregoing being to mitigate loss to, or to manage risk or benefit of stock price changes for, such person, or any affiliates or associates of such person, or to increase or decrease the voting power or pecuniary or economic interest of such person, or any affiliates or associates of such person, with respect to stock of the Corporation; (iii) a description of all agreements, arrangements, or understandings (whether written or oral) between or among such person, or any affiliates or associates of such person, and any other person or persons (including their names) in connection with the proposal of such business and any material interest of such person or any affiliates or associates of such

person, in such business, including any anticipated benefit therefrom to such person, or any affiliates or associates of such person, (iv) a representation that the stockholder giving notice intends to appear in person or by proxy at the Annual Meeting to bring such business before the meeting; and (v) any other information relating to such person that would be required to be disclosed in a proxy statement or other filing required to be made in connection with the solicitation of proxies by such person with respect to the proposed business to be brought by such person before the Annual Meeting pursuant to Section 14 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules and regulations promulgated thereunder.

A stockholder providing notice of business proposed to be brought before an Annual Meeting shall further update and supplement such notice, if necessary, so that the information provided or required to be provided in such notice pursuant to this Section 4 shall be true and correct as of the record date for determining the stockholders entitled to receive notice of the Annual Meeting and such update and supplement shall be delivered to or be mailed and received by the Secretary at the principal executive offices of the Corporation not later than 5 business days after the record date for determining the stockholders entitled to receive notice of the Annual Meeting.

No business shall be conducted at the Annual Meeting of Stockholders except business brought before the Annual Meeting in accordance with the procedures set forth in this Section 4; provided, however, that, once business has been properly brought before the Annual Meeting in accordance with such procedures, nothing in this Section 4 shall be deemed to preclude discussion by any stockholder of any such business. If the chairman of an Annual Meeting determines that business was not properly brought before the Annual Meeting in accordance with the foregoing procedures, the chairman shall declare to the meeting that the business was not properly brought before the meeting and such business shall not be transacted.

Nothing contained in this Section 4 shall be deemed to affect any rights of stockholders to request inclusion of proposals in the Corporation's proxy statement pursuant to Rule 14a-8 under the Exchange Act (or any successor provision of law).

Section 5. Nomination of Directors. Only persons who are nominated in accordance with the following procedures or the procedures set forth in Section 16 of this Article II shall be eligible for election as directors of the Corporation, except as may be otherwise provided in the Certificate of Incorporation with respect to the right of holders of preferred stock of the Corporation to nominate and elect a specified number of directors in certain circumstances. Nominations of persons for election to the Board of Directors may be made at any Annual Meeting of Stockholders, or at any Special Meeting of Stockholders called for the purpose of electing directors, (a) by or at the direction of the Board of Directors (or any duly authorized committee thereof) or (b) by any stockholder of the Corporation (i) who is a stockholder of record on the date of the giving of the notice provided for in this Section 5 and on the record date for the determination of stockholders entitled to notice of and to vote at such Annual Meeting or Special Meeting and (ii) who complies with the notice procedures set forth in this Section 5.

In addition to any other applicable requirements, for a nomination to be made by a stockholder pursuant to this Section 5, such stockholder must have given timely notice thereof in proper written form to the Secretary of the Corporation.

To be timely, a stockholder's notice to the Secretary must be delivered to or be mailed and received at the principal executive offices of the Corporation (a) in the case of an Annual Meeting, not less than 90 days nor more than 120 days prior to the anniversary date of the immediately preceding Annual Meeting of Stockholders; provided, however, that in the event that the Annual Meeting is called for a date that is not within 25 days before or after such anniversary date, notice by the stockholder in order to be timely must be so received not later than the close of business on the 10th day following the day on which such notice of the date of the Annual Meeting was mailed or such public disclosure of the date of the Annual Meeting was made, whichever first occurs; and (b) in the case of a Special Meeting of Stockholders called for the purpose of electing directors, not later than the close of business on the 10th day following the day on which notice of the date of the Special Meeting was mailed or public disclosure of the date of the Special Meeting was made, whichever first occurs. In no event shall the adjournment or postponement of an Annual Meeting or a Special Meeting called for the purpose of electing directors, or the public announcement of such an adjournment or postponement, commence a new time period (or extend any time period) for the giving of a stockholder's notice as described above.

To be in proper written form, a stockholder's notice to the Secretary must set forth the following information: (a) as to each person whom the stockholder proposes to nominate for election as a director (i) the name, age, business address and residence address of such person, (ii) the principal occupation or employment of such person, (iii) (A) the class or series and number of all shares of stock of the Corporation which are owned beneficially or of record by such person and any affiliates or associates of such person, (B) the name of each nominee holder of shares of all stock of the Corporation owned beneficially but not of record by such person or any affiliates or associates of such person, and the number of such shares of stock of the Corporation held by each such nominee holder, (C) whether and the extent to which any derivative instrument, swap, option, warrant, short interest, hedge or profit interest or other transaction has been entered into by or on behalf of such person, or any affiliates or associates of such person, with respect to stock of the Corporation and (D) whether and the extent to which any other transaction, agreement, arrangement or understanding (including any short position or any borrowing or lending of shares of stock of the Corporation) has been made by or on behalf of such person, or any affiliates or associates of such person, the effect or intent of any of the foregoing being to mitigate loss to, or to manage risk or benefit of stock price changes for, such person, or any affiliates or associates of such person, or to increase or decrease the voting power or pecuniary or economic interest of such person, or any affiliates or associates of such person, with respect to stock of the Corporation; and (iv) any other information relating to such person that would be required to be disclosed in a proxy statement or other filings required to be made in connection with solicitations of proxies for election of directors pursuant to Section 14 of the Exchange Act, and the rules and regulations promulgated thereunder; and (b) as to the stockholder giving the notice, and the beneficial owner, if any, on whose behalf the nomination is being made, (i) the name and record address of such person; (ii) (A) the class or series and number of all shares of stock of the Corporation which are owned beneficially or of record by such person and any affiliates or associates of such person, (B) the name of each nominee holder of shares of the Corporation owned beneficially but not of record by such person or any affiliates or associates of such person, and the number of shares of stock of the Corporation held by each such nominee holder, (C) whether and the extent to which any derivative instrument, swap, option, warrant, short interest, hedge or profit interest or other transaction has been entered into by or on behalf of

such person, or any affiliates or associates of such person, with respect to stock of the Corporation and (D) whether and the extent to which any other transaction, agreement, arrangement or understanding (including any short position or any borrowing or lending of shares of stock of the Corporation) has been made by or on behalf of such person, or any affiliates or associates of such person, the effect or intent of any of the foregoing being to mitigate loss to, or to manage risk or benefit of stock price changes for, such person, or any affiliates or associates of such person, or to increase or decrease the voting power or pecuniary or economic interest of such person, or any affiliates or associates of such person, with respect to stock of the Corporation; (iii) a description of all agreements, arrangements, or understandings (whether written or oral) between such person, or any affiliates or associates of such person, and any proposed nominee or any other person or persons (including their names) pursuant to which the nomination(s) are being made by such person, and any material interest of such person, or any affiliates or associates of such person, in such nomination, including any anticipated benefit therefrom to such person, or any affiliates or associates of such person; (iv) a representation that the stockholder giving notice intends to appear in person or by proxy at the Annual Meeting or Special Meeting to nominate the persons named in its notice; and (v) any other information relating to such person that would be required to be disclosed in a proxy statement or other filings required to be made in connection with the solicitation of proxies for election of directors pursuant to Section 14 of the Exchange Act and the rules and regulations promulgated thereunder. Such notice must be accompanied by a written consent of each proposed nominee to being named as a nominee and to serve as a director if elected.

A stockholder providing notice of any nomination proposed to be made at an Annual Meeting or Special Meeting pursuant to this Section 5 shall further update and supplement such notice, if necessary, so that the information provided or required to be provided in such notice pursuant to this Section 5 shall be true and correct as of the record date for determining the stockholders entitled to receive notice of the Annual Meeting or Special Meeting, and such update and supplement shall be delivered to or be mailed and received by the Secretary at the principal executive offices of the Corporation not later than 5 business days after the record date for determining the stockholders entitled to receive notice of such Annual Meeting or Special Meeting.

No person shall be eligible for election as a director of the Corporation unless nominated in accordance with the procedures set forth in this Section 5 or in Section 16 of this Article II, except as may be otherwise provided in the Certificate of Incorporation with respect to the right of holders of preferred stock of the Corporation to nominate and elect a specified number of directors in certain circumstances. If the chairman of the meeting determines that a nomination was not made in accordance with the foregoing procedures, the chairman shall declare to the meeting that the nomination was defective and such defective nomination shall be disregarded.

Section 6. Notice. Whenever stockholders are required or permitted to take any action at a meeting, a written notice of the meeting shall be given which shall state the place, if any, date and hour of the meeting, the means of remote communications, if any, by which stockholders and proxyholders may be deemed to be present in person and vote at such meeting, and, in the case of a special meeting, the purpose or purposes for which the meeting is called.

Unless otherwise required by law, the written notice of any meeting shall be given not less than ten nor more than sixty days before the date of the meeting to each stockholder entitled to vote at such meeting.

Section 7. Adjournments. Any meeting of the stockholders may be adjourned from time to time to reconvene at the same or some other place, if any, and notice need not be given of any such adjourned meeting if the time and place, if any, thereof and the means of remote communications, if any, by which stockholders and proxyholders may be deemed to be present in person and vote at such adjourned meeting are announced at the meeting at which the adjournment is taken. At the adjourned meeting, the Corporation may transact any business which might have been transacted at the original meeting. If the adjournment is for more than 30 days, or if after the adjournment a new record date is fixed for the adjourned meeting, notice of the adjourned meeting in accordance with the requirements of Section 6 of Article II hereof shall be given to each stockholder of record entitled to vote at the meeting.

Section 8. Quorum. Unless otherwise required by law or the Certificate of Incorporation, the holders of a majority of the capital stock issued and outstanding and entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business. A quorum, once established, shall not be broken by the withdrawal of enough votes to leave less than a quorum. If, however, such quorum shall not be present or represented at any meeting of the stockholders, the stockholders entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time, in the manner provided in Section 7 of Article II hereof, until a quorum shall be present or represented.

Section 9. Voting. Unless otherwise required by law, the Certificate of Incorporation, these By-Laws or the rules of any securities exchange or quotation system on which the Corporation's shares are listed or quoted for trading, any question brought before any meeting of stockholders, other than the election of directors, shall be decided by the vote of the holders of a majority of the total number of votes of the capital stock represented at the meeting and entitled to vote on such question, voting as a single class. Unless otherwise provided in the Certificate of Incorporation, and subject to Section 5 of Article V hereof, each stockholder represented at a meeting of stockholders shall be entitled to cast one vote for each share of the capital stock entitled to vote thereat held by such stockholder. Such votes may be cast in person or by proxy as provided in Section 10 of Article II hereof. The Board of Directors, in its discretion, or the officer of the Corporation presiding at a meeting of stockholders, in such officer's discretion, may require that any votes cast at such meeting shall be cast by written ballot.

Section 10. Proxies. Each stockholder entitled to vote at a meeting of the stockholders or to express consent or dissent to corporate action in writing without a meeting may authorize another person or persons to act for such stockholder as proxy, but no such proxy shall be voted upon after three years from its date, unless such proxy provides for a longer period. Without limiting the manner in which a stockholder may authorize another person or persons to act for such stockholder as proxy, the following shall constitute a valid means by which a stockholder may grant such authority:

(i) A stockholder may execute a writing authorizing another person or persons to act for such stockholder as proxy. Execution may be accomplished by the stockholder or such stockholder's authorized officer, director, employee or agent signing such writing or causing such person's signature to be affixed to such writing by any reasonable means, including, but not limited to, by facsimile signature.

(ii) A stockholder may authorize another person or persons to act for such stockholder as proxy by transmitting or authorizing the transmission of a telegram, cablegram, or other means of electronic transmission to the person who will be the holder of the proxy or to a proxy solicitation firm, proxy support service organization or like agent duly authorized by the person who will be the holder of the proxy to receive such electronic transmission, provided that any such telegram, cablegram or other electronic transmission must either set forth or be submitted with information from which it can be determined that the telegram, cablegram or other electronic transmission was authorized by the stockholder. If it is determined that such telegram, cablegram or other electronic transmission is valid, the inspectors or, if there are no inspectors, such other persons making that determination shall specify the information on which they relied.

Any copy, facsimile telecommunication or other reliable reproduction of the writing or electronic transmission authorizing another person or persons to act as proxy for a stockholder may be substituted or used in lieu of the original writing or electronic transmission for any and all purposes for which the original writing or electronic transmission could be used; provided, however, that such copy, facsimile telecommunication or other reproduction shall be a complete reproduction of the entire original writing or electronic transmission.

Section 11. Consent of Stockholders in Lieu of Meeting. Unless otherwise provided in the Certificate of Incorporation, any action required or permitted to be taken at any Annual or Special Meeting of Stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereat were present and voted and shall be delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Delivery made to the Corporation's registered office shall be by hand or by certified or registered mail, return receipt requested. Every written consent shall bear the date of signature of each stockholder who signs the consent and no written consent shall be effective to take the corporate action referred to therein unless, within 60 days of the earliest dated consent delivered in the manner required by this Section 11 to the Corporation, written consents signed by a sufficient number of holders to take action are delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. A telegram, cablegram or other electronic transmission consenting to an action to be taken and transmitted by a stockholder or proxyholder, or by a person or persons authorized to act for a stockholder or proxyholder, shall be deemed to be written, signed and dated for the purposes of this Section 11 and Section 5(b) of Article V hereof, provided that any such telegram, cablegram or other electronic transmission

sets forth or is delivered with information from which the Corporation can determine (i) that the telegram, cablegram or other electronic transmission was transmitted by the stockholder or proxyholder or by a person or persons authorized to act for the stockholder or proxyholder and (ii) the date on which such stockholder or proxyholder or authorized person or persons transmitted such telegram, cablegram or electronic transmission. The date on which such telegram, cablegram or electronic transmission is transmitted shall be deemed to be the date on which such consent was signed. No consent given by telegram, cablegram or other electronic transmission shall be deemed to have been delivered until such consent is reproduced in paper form and until such paper form shall be delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of the stockholders are recorded. Delivery made to the Corporation's registered office shall be made by hand or by certified or registered mail, return receipt requested. Any copy, facsimile or other reliable reproduction of a consent in writing may be substituted or used in lieu of the original writing for any and all purposes for which the original writing could be used, provided that such copy, facsimile or other reproduction shall be a complete reproduction of the entire original writing. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given to those stockholders who have not consented in writing and who, if the action had been taken at a meeting, would have been entitled to notice of the meeting if the record date for such meeting had been the date that written consents signed by a sufficient number of holders to take the action were delivered to the Corporation as provided above in this Section 11.

Section 12. List of Stockholders Entitled to Vote. The officer of the Corporation who has charge of the stock ledger of the Corporation shall prepare and make, at least ten days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of at least ten days prior to the meeting (i) on a reasonably accessible electronic network, provided that the information required to gain access to such list is provided with the notice of the meeting or (ii) during ordinary business hours, at the principal place of business of the Corporation. In the event that the Corporation determines to make the list available on an electronic network, the Corporation may take reasonable steps to ensure that such information is available only to stockholders of the Corporation. If the meeting is to be held at a place, then the list shall be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder of the Corporation who is present. If the meeting is to be held solely by means of remote communication, then the list shall also be open to the examination of any stockholder during the whole time of the meeting on a reasonably accessible electronic network, and the information required to access such list shall be provided with the notice of the meeting.

Section 13. Stock Ledger. The stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 12 of Article II hereof or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

Section 14. Conduct of Meetings. The Board of Directors of the Corporation may adopt by resolution such rules and regulations for the conduct of any meeting of the stockholders as it shall deem appropriate. Except to the extent inconsistent with such rules and regulations as adopted by the Board of Directors, the chairman of any meeting of the stockholders shall have the right and authority to prescribe such rules, regulations and procedures and to do all such acts as, in the judgment of such chairman, are appropriate for the proper conduct of the meeting. Such rules, regulations or procedures, whether adopted by the Board of Directors or prescribed by the chairman of the meeting, may include, without limitation, the following: (i) the establishment of an agenda or order of business for the meeting; (ii) the determination of when the polls shall open and close for any given matter to be voted on at the meeting; (iii) rules and procedures for maintaining order at the meeting and the safety of those present; (iv) limitations on attendance at or participation in the meeting to stockholders of record of the corporation, their duly authorized and constituted proxies or such other persons as the chairman of the meeting shall determine; (v) restrictions on entry to the meeting after the time fixed for the commencement thereof; and (vi) limitations on the time allotted to questions or comments by participants.

Section 15. Inspectors of Election. In advance of any meeting of the stockholders, the Board of Directors, by resolution, the Chairman of the Board of Directors, the Chief Executive Officer or the President shall appoint one or more inspectors to act at the meeting and make a written report thereof. One or more other persons may be designated as alternate inspectors to replace any inspector who fails to act. If no inspector or alternate is able to act at a meeting of the stockholders, the chairman of the meeting shall appoint one or more inspectors to act at the meeting. Unless otherwise required by applicable law, inspectors may be officers, employees or agents of the Corporation. Each inspector, before entering upon the discharge of the duties of inspector, shall take and sign an oath faithfully to execute the duties of inspector with strict impartiality and according to the best of such inspector's ability. The inspector shall have the duties prescribed by law and shall take charge of the polls and, when the vote is completed, shall make a certificate of the result of the vote taken and of such other facts as may be required by applicable law.

Section 16. Proxy Access.

(a) Whenever the Board of Directors solicits proxies with respect to the election of directors at an Annual Meeting of Stockholders (following the 2015 Annual Meeting of Stockholders), subject to the provisions of this Section 16, the Corporation shall include in its proxy statement for such Annual Meeting, in addition to any persons nominated for election by the Board of Directors or any committee thereof, the name, together with the Required Information (as defined below), of any person nominated for election (the "Stockholder Nominee") to the Board of Directors by a stockholder or group of no more than 20 stockholders that satisfies the requirements of this Section 16 (the "Eligible Stockholder") and that expressly elects at the time of providing the notice required by this Section 16 (the "Notice of Proxy Access Nomination") to have such nominee included in the Corporation's proxy materials pursuant to this Section 16. For purposes of this Section 16, the "Required Information" that the Corporation will include in its proxy statement is (i) the information provided to the Secretary of the Corporation concerning the Stockholder Nominee and the Eligible Stockholder that is required to be disclosed in the Corporation's proxy statement pursuant to Section 14 of the

Exchange Act, and the rules and regulations promulgated thereunder, and (ii) if the Eligible Stockholder so elects, a Supporting Statement (as defined below).

(b) To be timely, the Notice of Proxy Access Nomination must be delivered to or be mailed and received by the Secretary at the principal executive offices of the Corporation not less than 120 days and not more than 150 days prior to the first anniversary of the date that the Corporation distributed its proxy statement to stockholders for the previous year's Annual Meeting of Stockholders. In no event shall the adjournment or postponement of an Annual Meeting, or the public announcement of such an adjournment or postponement, commence a new time period (or extend any time period) for the giving of a Notice of Proxy Access Nomination pursuant to this Section 16.

(c) The maximum number of Stockholder Nominees nominated by all Eligible Stockholders that will be included in the Corporation's proxy materials with respect to an Annual Meeting of Stockholders shall not exceed 20% of the number of directors in office as of the last day on which a Notice of Proxy Access Nomination may be delivered pursuant to and in accordance with this Section 16 (the "Final Proxy Access Nomination Date") or, if such amount is not a whole number, the closest whole number below 20%. In the event that one or more vacancies for any reason occurs on the Board of Directors after the Final Proxy Access Nomination Date but before the date of the Annual Meeting and the Board of Directors resolves to reduce the size of the Board of Directors in connection therewith, the maximum number of Stockholder Nominees included in the Corporation's proxy materials shall be calculated based on the number of directors in office as so reduced. For purposes of determining when the maximum number of Stockholder Nominees provided for in this Section 16 has been reached, each of the following persons shall be counted as one of the Stockholder Nominees: (i) any individual nominated by an Eligible Stockholder for inclusion in the Corporation's proxy materials pursuant to this Section 16 whose nomination is subsequently withdrawn, (ii) any individual nominated by an Eligible Stockholder for inclusion in the Corporation's proxy materials pursuant to this Section 16 whom the Board of Directors decides to nominate for election to the Board of Directors and (iii) any director in office as of the Final Proxy Access Nomination Date who was included in the Corporation's proxy materials as a Stockholder Nominee for either of the two preceding Annual Meetings of Stockholders (including any individual counted as a Stockholder Nominee pursuant to the immediately preceding clause (ii)) and whom the Board of Directors decides to nominate for re-election to the Board of Directors. Any Eligible Stockholder submitting more than one Stockholder Nominee for inclusion in the Corporation's proxy materials pursuant to this Section 16 shall rank such Stockholder Nominees based on the order in which the Eligible Stockholder desires such Stockholder Nominees to be selected for inclusion in the Corporation's proxy materials in the event that the total number of Stockholder Nominees submitted by Eligible Stockholders pursuant to this Section 16 exceeds the maximum number of Stockholder Nominees provided for in this Section 16. In the event that the number of Stockholder Nominees submitted by Eligible Stockholders pursuant to this Section 16 exceeds the maximum number of Stockholder Nominees provided for in this Section 16, the highest ranking Stockholder Nominee who meets the requirements of this Section 16 from each Eligible Stockholder will be selected for inclusion in the Corporation's proxy materials until the maximum number is reached, going in order of the amount (largest to smallest) of shares of common stock of the Corporation each Eligible Stockholder disclosed as owned in its Notice of Proxy Access Nomination. If the maximum number is not reached after the highest ranking

Stockholder Nominee who meets the requirements of this Section 16 from each Eligible Stockholder has been selected, then the next highest ranking Stockholder Nominee who meets the requirements of this Section 16 from each Eligible Stockholder will be selected for inclusion in the Corporation's proxy materials, and this process will continue as many times as necessary, following the same order each time, until the maximum number is reached.

(d) In order to make a nomination pursuant to this Section 16, an Eligible Stockholder must have owned (as defined below) at least 3% of the Corporation's outstanding common stock (the "Required Shares") continuously for at least three years (the "Minimum Holding Period") as of both the date the Notice of Proxy Access Nomination is delivered to the Secretary of the Corporation in accordance with this Section 16 and the record date for determining the stockholders entitled to receive notice of the Annual Meeting, and must continue to own the Required Shares through the date of the Annual Meeting. For purposes of this Section 16, an Eligible Stockholder shall be deemed to "own" only those outstanding shares of common stock of the Corporation as to which the stockholder possesses both (i) the full voting and investment rights pertaining to the shares and (ii) the full economic interest in (including the opportunity for profit from and risk of loss on) such shares; provided that the number of shares calculated in accordance with clauses (i) and (ii) shall not include any shares (x) sold by such stockholder or any of its affiliates in any transaction that has not been settled or closed, (y) borrowed by such stockholder or any of its affiliates for any purposes or purchased by such stockholder or any of its affiliates pursuant to an agreement to resell or (z) subject to any option, warrant, forward contract, swap, contract of sale, other derivative or similar instrument or agreement entered into by such stockholder or any of its affiliates, whether any such instrument or agreement is to be settled with shares or with cash based on the notional amount or value of shares of outstanding common stock of the Corporation, if, in any such case, such instrument or agreement has, or is intended to have, the purpose or effect of (1) reducing in any manner, to any extent or at any time in the future, such stockholder's or its affiliates' full right to vote or direct the voting of any such shares and/or (2) hedging, offsetting or altering to any degree any gain or loss realized or realizable from maintaining the full economic ownership of such shares by such stockholder or affiliate. A stockholder shall "own" shares held in the name of a nominee or other intermediary so long as the stockholder retains the right to instruct how the shares are voted with respect to the election of directors and possesses the full economic interest in the shares. A stockholder's ownership of shares shall be deemed to continue during any period in which the stockholder has delegated any voting power by means of a proxy, power of attorney or other instrument or arrangement which is revocable at any time by the stockholder. The terms "owned," "owning" and other variations of the word "own" shall have correlative meanings. Whether outstanding shares of the common stock of the Corporation are "owned" for these purposes shall be determined by the Board of Directors or any committee thereof. For purposes of this Section 16, the term "affiliate" or "affiliates" shall have the meaning ascribed thereto under the General Rules and Regulations under the Exchange Act.

(e) To be in proper form for purposes of this Section 16, the Notice of Proxy Access Nomination must include or be accompanied by the following:

(i) one or more written statements from the record holder of the Required Shares (and from each intermediary through which the Required Shares are or have been held during the Minimum Holding Period) verifying that, as of a date within seven calendar

days prior to the date the Notice of Proxy Access Nomination is delivered to or mailed and received by the Secretary of the Corporation, the Eligible Stockholder owns, and has owned continuously for the Minimum Holding Period, the Required Shares, and the Eligible Stockholder's agreement to provide, within five business days after the record date for determining the stockholders entitled to receive notice of the Annual Meeting, one or more written statements from the record holder and such intermediaries verifying the Eligible Stockholder's continuous ownership of the Required Shares through the record date;

(ii) a copy of the Schedule 14N that has been filed with the United States Securities and Exchange Commission as required by Rule 14a-18 under the Exchange Act;

(iii) the information and representations that would be required to be set forth in a stockholder's notice of a nomination pursuant to Section 5 of this Article II (including the written consent of each Stockholder Nominee to being named in the proxy statement as a nominee and to serving as a director if elected);

(iv) a representation that the Eligible Stockholder (A) will continue to hold the Required Shares through the date of the Annual Meeting, (B) acquired the Required Shares in the ordinary course of business and not with the intent to change or influence control at the Corporation, and does not presently have such intent, (C) has not nominated and will not nominate for election to the Board of Directors at the Annual Meeting any person other than the Stockholder Nominee(s) it is nominating pursuant to this Section 16, (D) has not engaged and will not engage in, and has not and will not be a "participant" in another person's, "solicitation" within the meaning of Rule 14a-1(l) under the Exchange Act in support of the election of any individual as a director at the Annual Meeting other than its Stockholder Nominee(s) or a nominee of the Board of Directors, (E) has not distributed and will not distribute to any stockholder of the Corporation any form of proxy for the Annual Meeting other than the form distributed by the Corporation, (F) has complied and will comply with all laws and regulations applicable to solicitations and the use, if any, of soliciting material in connection with the Annual Meeting, and (G) has provided and will provide facts, statements and other information in all communications with the Corporation and its stockholders that are or will be true and correct in all material respects and do not and will not omit to state a material fact necessary in order to make such information, in light of the circumstances under which it was or will be made or provided, not misleading;

(v) a representation as to the Eligible Stockholder's intentions with respect to continuing to own the Required Shares for at least one year following the Annual Meeting;

(vi) an undertaking that the Eligible Stockholder agrees to (A) assume all liability stemming from any legal or regulatory violation arising out of communications with the stockholders of the Corporation by the Eligible Stockholder, its affiliates and associates or their respective agents and representatives, either before or after providing a Notice of Proxy Access Nomination pursuant to this Section 16, or out of the facts, statements or other information that the Eligible Stockholder or its Stockholder Nominee(s) provided to the Corporation in connection with the inclusion of such Stockholder Nominee(s) in the Corporation's proxy materials, and (B) indemnify and hold harmless the Corporation and each of

its directors, officers and employees individually against any liability, loss or damages in connection with any threatened or pending action, suit or proceeding, whether legal, administrative or investigative, against the Corporation or any of its directors, officers or employees arising out of any nomination submitted by the Eligible Stockholder pursuant to this Section 16; and

(vii) a written representation and agreement from each Stockholder Nominee that such Stockholder Nominee (A) is not and will not become a party to any agreement, arrangement or understanding with, and has not given any commitment or assurance to, any person or entity as to how such Stockholder Nominee, if elected as a director of the Corporation, will act or vote on any issue or question that has not been disclosed to the Corporation, (B) is not and will not become a party to any agreement, arrangement or understanding with any person or entity other than the Corporation with respect to any direct or indirect compensation, reimbursement or indemnification in connection with service or action as a director that has not been disclosed to the Corporation, (C) has read and will comply with the Corporation's code of ethics, corporate governance guidelines, stock ownership and trading policies and guidelines and any other policies or guidelines of the Corporation applicable to directors and (D) will make such other acknowledgments, enter into such agreements and provide such information as the Board of Directors requires of all directors, including promptly submitting all completed and signed questionnaires required of the Corporation's directors.

(f) In addition to the information required pursuant to Section 16(e) or any other provision of these By-Laws, the Corporation also may require each Stockholder Nominee to furnish any other information (i) that may reasonably be requested by the Corporation to determine whether the Stockholder Nominee would be independent under the rules and listing standards of the principal United States securities exchanges upon which the common stock of the Corporation is listed or traded, any applicable rules of the U.S. Securities and Exchange Commission or any publicly disclosed standards used by the Board of Directors in determining and disclosing the independence of the Corporation's directors (collectively, the "Independence Standards"), (ii) that could be material to a reasonable stockholder's understanding of the independence, or lack thereof, of such Stockholder Nominee or (iii) that may reasonably be required to determine the eligibility of such Stockholder Nominee to serve as a director of the Corporation.

(g) The Eligible Stockholder may, at its option, provide to the Secretary of the Corporation, at the time the Notice of Proxy Access Nomination is provided, a written statement, not to exceed 500 words, in support of the Stockholder Nominee(s)' candidacy (a "Supporting Statement"). Only one Supporting Statement may be submitted by an Eligible Stockholder (including any group of stockholders together constituting an Eligible Stockholder) in support of its Stockholder Nominee(s). Notwithstanding anything to the contrary contained in this Section 16, the Corporation may omit from its proxy materials any information or Supporting Statement (or portion thereof) that it, in good faith, believes would violate any applicable law or regulation.

(h) In the event that any information or communications provided by an Eligible Stockholder or a Stockholder Nominee to the Corporation or its stockholders ceases to be true and correct in all material respects or omits a material fact necessary to make such information, in light of the circumstances under which it was made or provided, not misleading,

such Eligible Stockholder or Stockholder Nominee, as the case may be, shall promptly notify the Secretary of the Corporation of any defect in such previously provided information and of the information that is required to correct any such defect. In addition, any person providing any information pursuant to this Section 16 shall further update and supplement such information, if necessary, so that all such information shall be true and correct as of the record date for determining the stockholders entitled to receive notice of the Annual Meeting and as of the date that is ten business days prior to such Annual Meeting or any adjournment or postponement thereof, and such update and supplement (or a written certification that no such updates or supplements are necessary and that the information previously provided remains true and correct as of the applicable date) shall be delivered to or be mailed and received by the Secretary at the principal executive offices of the Corporation not later than five business days after the record date for determining the stockholders entitled to receive notice of such Annual Meeting (in the case of the update and supplement required to be made as of the record date), and not later than seven business days prior to the date of the Annual Meeting or any adjournment or postponement thereof (in the case of the update and supplement required to be made as of ten business days prior to the meeting).

(i) Notwithstanding anything to the contrary contained in this Section 16, the Corporation shall not be required to include, pursuant to this Section 16, a Stockholder Nominee in its proxy materials (i) for any meeting of stockholders for which the Secretary of the Corporation receives notice that the Eligible Stockholder or any other stockholder intends to nominate one or more persons for election to the Board of Directors pursuant to the advance notice requirements for stockholder nominees set forth in Section 5 of this Article II, (ii) if such Stockholder Nominee would not be an independent director under the Independence Standards, as determined by the Board of Directors or any committee thereof, (iii) if such Stockholder Nominee's election as a member of the Board of Directors would cause the Corporation to be in violation of these By-laws, the Charter, the rules and listing standards of the principal United States securities exchanges upon which the common stock of the Corporation is listed or traded, or any applicable state or federal law, rule or regulation, (iv) if such Stockholder Nominee is or has been, within the past three years, an officer or director of a competitor, as defined in Section 8 of the Clayton Antitrust Act of 1914, (v) who is a named subject of a pending criminal proceeding (excluding traffic violations and other minor offenses) or has been convicted in such a criminal proceeding within the past ten years, (vi) if such Stockholder Nominee or the Eligible Stockholder who nominated such Stockholder Nominee provides any facts, statements or other information to the Corporation or its stockholders required or requested pursuant to this Section 16 that is not true and correct in all material respects or that omits a material fact necessary to make such information, in light of the circumstances in which it is made or provided, not misleading, or (vii) if such Stockholder Nominee or the Eligible Stockholder who nominated such Stockholder Nominee otherwise contravenes any of the agreements or representations made by such Stockholder Nominee or Eligible Stockholder or fails to comply with its obligations pursuant to this Section 16.

(j) Notwithstanding anything to the contrary set forth herein, if (i) a Stockholder Nominee and/or the applicable Eligible Stockholder breaches any of its or their obligations, agreements or representations under this Section 16 or (ii) the Stockholder Nominee otherwise becomes ineligible for inclusion in the Corporation's proxy materials pursuant to this Section 16 or dies, becomes disabled or is otherwise disqualified from being nominated for

election or serving as a director of the Corporation, in each case as determined by the Board of Directors, any committee thereof or the chairman of the Annual Meeting, (x) the Corporation may omit or, to the extent feasible, remove the information concerning such Stockholder Nominee and the related Supporting Statement from its proxy materials and/or otherwise communicate to its stockholders that such Stockholder Nominee will not be eligible for election at the Annual Meeting, (y) the Corporation shall not be required to include in its proxy materials any successor or replacement nominee proposed by the applicable Eligible Stockholder or any other Eligible Stockholder and (z) the Board of Directors or the chairman of the Annual Meeting shall declare such nomination to be invalid, such nomination shall be disregarded notwithstanding that proxies in respect of such vote may have been received by the Corporation and the named proxies will not vote any proxies received from stockholders with respect to such Stockholder Nominee. In addition, if the Eligible Stockholder (or a representative thereof) does not appear at the Annual Meeting to present any nomination pursuant to this Section 16, such nomination shall be disregarded as provided in clause (z) above.

(k) Whenever the Eligible Stockholder consists of a group of stockholders, (i) each provision in this Section 16 that requires the Eligible Stockholder to provide any written statements, representations, undertakings, agreements or other instruments or to meet any other conditions shall be deemed to require each stockholder that is a member of such group to provide such statements, representations, undertakings, agreements or other instruments and to meet such other conditions (except that the members of such group may aggregate their shareholdings in order to meet the 3% ownership requirement of the "Required Shares" definition), (ii) a breach of any obligation, agreement or representation under this Section 16 by any member of such group shall be deemed a breach by the Eligible Stockholder and (iii) the Notice of Proxy Access Nomination must designate one member of the group for purposes of receiving communications, notices and inquiries from the Corporation and otherwise authorize such member to act on behalf of all members of the group with respect to all matters relating to the nomination under this Section 16 (including withdrawal of the nomination). Whenever the Eligible Stockholder consists of a group of stockholders aggregating their shareholdings in order to meet the 3% ownership requirement of the "Required Shares" definition, (x) such ownership shall be determined by aggregating the lowest number of shares continuously owned (as defined in Section 16(d) hereof) by each such stockholder during the Minimum Holding Period and (y) the Notice of Proxy Access Nomination must indicate, for each such stockholder, such lowest number of shares continuously owned by such stockholder during the Minimum Holding Period. No person may be a member of more than one group of stockholders constituting an Eligible Stockholder with respect to any Annual Meeting. For the avoidance of doubt, a stockholder may withdraw from a group of stockholders constituting an Eligible Stockholder at any time prior to the Annual Meeting and if, as a result of such withdrawal, the Eligible Stockholder no longer owns the Required Shares, the nomination shall be disregarded as provided in Section 16(j).

(l) Any Stockholder Nominee who is included in the Corporation's proxy materials for a particular Annual Meeting of Stockholders but either (i) withdraws from or becomes ineligible or unavailable for election at the Annual Meeting, or (ii) does not receive at least 25% of the votes cast in favor of such Stockholder Nominee's election, will be ineligible to be a Stockholder Nominee pursuant to this Section 16 for the next two Annual Meetings of Stockholders. For the avoidance of doubt, the immediately preceding sentence shall not prevent

any stockholder from nominating any person to the Board of Directors pursuant to and in accordance with Section 5 of this Article II.

(m) This Section 16 provides the exclusive method for a stockholder to include nominees for election to the Board of Directors in the Corporation's proxy materials.

ARTICLE III DIRECTORS

Section 1. Number and Election of Directors. The Board of Directors shall consist of not less than three nor more than fifteen members, the exact number of which shall be determined from time to time by resolution adopted by the Board of Directors. Except as provided in Section 2 of this Article III, a nominee for director shall be elected if the votes cast for such nominee's election exceed the votes cast against such nominee's election; provided, however, that the directors shall be elected by a plurality of the votes cast at any meeting of stockholders for which (i) the Secretary of the Corporation receives a notice that a stockholder (or group of stockholders) has nominated a person for election to the Board of Directors in compliance with the advance notice requirements for stockholder nominees for director set forth in Section 5 of Article II of these By-Laws or the proxy access requirements set forth in Section 16 of Article II of these By-Laws and (ii) such nomination has not been withdrawn by such stockholder (or group of stockholders) on or prior to the fourteenth day preceding the date the Corporation first mails its notice of meeting for such meeting to the stockholders. Each director so elected shall hold office until the expiration of the term for which the director was elected and until such director's successor is duly elected and qualified, or until such director's earlier death, resignation or removal. Any director may resign at any time upon written notice to the Corporation. Directors need not be stockholders. Except for those persons who were serving as directors on January 1, 2002, no person shall be eligible to be elected or appointed to serve as a director after having reached 72 years of age, unless the Board of Directors has voted, on an annual basis, to waive such requirement.

Section 2. Vacancies. Unless otherwise required by law or the Certificate of Incorporation, vacancies arising through death, resignation, removal, an increase in the number of directors or otherwise may be filled only by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until the next annual election at which the term of the directors of the class to which such director is elected expires and until his or their successors are duly elected and qualified, or until their earlier death, resignation or removal.

Section 3. Duties and Powers. The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors which may exercise all such powers of the Corporation and do all such lawful acts and things as are not by statute or by the Certificate of Incorporation or by these By-Laws required to be exercised or done by the stockholders.

Section 4. Meetings. The Board of Directors (and any committee thereof) may hold meetings, both regular and special, either within or without the State of Delaware. Regular meetings of the Board of Directors (and any committee thereof) may be held without

notice at such time and at such place as may from time to time be determined by the Board of Directors or such committee, respectively. Special meetings of the Board of Directors may be called by the Chairman of the Board of Directors, the Chief Executive Officer or the President. Special meetings of any committee of the Board of Directors may be called by the chairman of such committee, if there be one, the Chief Executive Officer or the President. Notice thereof stating the place, date and hour of the meeting shall be given to each director (or, in the case of a committee, to each member of such committee) either by mail not less than 48 hours before the date of the meeting, by telephone, telegram, facsimile or other electronic transmission on 24 hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

Section 5. Quorum. Except as otherwise required by law, the Certificate of Incorporation or the rules of any securities exchange or quotation system on which the Corporation's shares are listed or quoted for trading, at all meetings of the Board of Directors or any committee thereof, a majority of the entire Board of Directors or a majority of the directors constituting such committee, as the case may be, shall constitute a quorum for the transaction of business and the act of a majority of the directors or committee members present at any meeting at which there is a quorum shall be the act of the Board of Directors or such committee, as applicable. If a quorum shall not be present at any meeting of the Board of Directors or any committee thereof, the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting of the time and place of the adjourned meeting, until a quorum shall be present.

Section 6. Actions by Written Consent. Unless otherwise provided in the Certificate of Incorporation or these By-Laws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all the members of the Board of Directors or such committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or such committee.

Section 7. Meetings by Means of Conference Telephone. Unless otherwise provided in the Certificate of Incorporation or these By-Laws, members of the Board of Directors of the Corporation, or any committee thereof, may participate in a meeting of the Board of Directors or such committee by means of a conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 7 shall constitute presence in person at such meeting.

Section 8. Committees. The Board of Directors may designate one or more committees, each committee to consist of one or more of the directors of the Corporation. Each member of a committee must meet the requirements for membership, if any, imposed by applicable law and the rules of any securities exchange or quotation system on which the Corporation's shares are listed or quoted for trading. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of any such committee. Subject to the rules and regulations of any securities exchange or quotation system on which the securities of the Corporation are listed or quoted for trading, in the absence or disqualification of a member of a committee, and in

the absence of a designation by the Board of Directors of an alternate member to replace the absent or disqualified member, the member or members thereof present at any meeting and not disqualified from voting, whether or not such member or members constitute a quorum, may unanimously appoint another qualified member of the Board of Directors to act at the meeting in the place of any absent or disqualified member. Any committee, to the extent permitted by law and provided in the resolution establishing such committee, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation, and may authorize the seal of the Corporation to be affixed to all papers which may require it. Each committee shall keep regular minutes and report to the Board of Directors when required.

Section 9. Compensation. The directors may be paid their expenses, if any, of attendance at each meeting of the Board of Directors and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary for service as a director, payable in cash or securities or any combination thereof. No such payment shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor. Members of special or standing committees may be allowed like compensation for attending committee meetings.

Section 10. Interested Directors. No contract or transaction between the Corporation and one or more of its directors or officers, or between the Corporation and any other corporation, partnership, association, or other organization in which one or more of its directors or officers are directors or officers or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because the director's or officer's vote is counted for such purpose if (i) the material facts as to the director's or officer's relationship or interest and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative vote of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (ii) the material facts as to the director's or officer's relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (iii) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified by the Board of Directors, a committee thereof or the stockholders. Common or interested directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

ARTICLE IV OFFICERS

Section 1. General. The officers of the Corporation shall be chosen by the Board of Directors and shall be a Chief Executive Officer, a President (or co-Presidents), a Secretary and a Treasurer. The Board of Directors shall choose a Chairman of the Board of Directors, and may in its discretion also choose a Non-Executive Co-Chairman of the Board of Directors, and one or more Vice Presidents, Assistant Secretaries, Assistant Treasurers and other

officers. Any number of offices may be held by the same person, unless otherwise prohibited by law or the Certificate of Incorporation. The officers of the Corporation need not be stockholders of the Corporation nor, except in the case of the Chairman of the Board of Directors and the Non-Executive Co-Chairman of the Board of Directors, need such officers be directors of the Corporation.

Section 2. Election. The Board of Directors, at its first meeting held after each Annual Meeting of Stockholders (or action by written consent of stockholders in lieu of the Annual Meeting of Stockholders), shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier death, resignation or removal. Any officer elected by the Board of Directors may be removed at any time by the affirmative vote of the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers of the Corporation shall be fixed by the Board of Directors.

Section 3. Voting Securities Owned by the Corporation. Powers of attorney, proxies, waivers of notice of meeting, consents and other instruments relating to securities owned by the Corporation may be executed in the name of and on behalf of the Corporation by the Chief Executive Officer, the President or any Vice President or any other officer authorized to do so by the Board of Directors and any such officer may, in the name of and on behalf of the Corporation, take all such action as any such officer may deem advisable to vote in person or by proxy at any meeting of security holders of any corporation in which the Corporation may own securities and at any such meeting shall possess and may exercise any and all rights and power incident to the ownership of such securities and which, as the owner thereof, the Corporation might have exercised and possessed if present. The Board of Directors may, by resolution, from time to time confer like powers upon any other person or persons.

Section 4. Chairman of the Board of Directors. The Chairman of the Board of Directors shall preside at all meetings of the stockholders and of the Board of Directors. The Chairman of the Board of Directors may, but is not required to, be employed in an executive capacity by the Corporation. The Chairman of the Board of Directors shall perform such duties and may exercise such powers as may from time to time be assigned by these By-Laws or by the Board of Directors.

Section 5. Non-Executive Co-Chairman of the Board of Directors. From time to time, the Board of Directors may designate as a Non-Executive Co-Chairman of the Board of Directors one director who is not employed in an executive capacity by the Corporation. The Non-Executive Co-Chairman of the Board of Directors, if there be one, shall, preside at executive sessions of the non-management directors of the Board of Directors, and, if the Chairman of the Board of Directors is not available, preside at meetings of the Board of Directors. The Non-Executive Co-Chairman of the Board of Directors shall serve as a member of the Executive Committee, participate in setting Board agendas and schedules, and serve as a resource and advisor to the Chairman of the Board of Directors. The Non-Executive Co-

Chairman of the Board of Directors shall also perform such other duties and may exercise such other powers as may from time to time be assigned by the Chairman of the Board of Directors or the Board of Directors.

Section 6. Chief Executive Officer. The Chief Executive Officer shall, subject to the control of the Board of Directors, have general supervision of the business of the Corporation and shall see that all orders and resolutions of the Board of Directors (and any committee thereof) are carried into effect. The Chief Executive Officer shall execute all bonds, mortgages, contracts and other instruments of the Corporation requiring a seal, under the seal of the Corporation, except where required or permitted by law to be otherwise signed and executed and except that the other officers of the Corporation may sign and execute documents when so authorized by these By-Laws, the Board of Directors or the Chief Executive Officer. In the absence or disability of the Chairman and Non-Executive Co-Chairman of the Board of Directors, the Chief Executive Officer shall preside at all meetings of the stockholders and, provided the Chief Executive Officer is also a director, the Board of Directors. The Chief Executive Officer shall also perform such other duties and may exercise such other powers as may from time to time be assigned to such officer by these By-Laws or by the Board of Directors.

Section 7. President. At the request of the Chief Executive Officer or in the Chief Executive Officer's absence or in the event of the Chief Executive Officer's inability or refusal to act, the President shall perform the duties of the Chief Executive Officer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Chief Executive Officer. The President shall perform such other duties and have such other powers as the Board of Directors or, subject to Section 6 of this Article IV, the Chief Executive Officer from time to time may prescribe.

Section 8. Vice Presidents. Any Vice President shall have such powers and perform such duties as may from time to time be assigned to such officer by the Board of Directors or, subject to Section 6 of this Article IV, by the Chief Executive Officer or the President. The Board of Directors may add to the title of any Vice President such distinguishing designation as may be deemed desirable, which may reflect the seniority, duties or responsibilities of such Vice President. The Chief Financial Officer, Treasurer and General Counsel shall have the powers and duties of a Vice President whether or not given that designation.

Section 9. Secretary. The Secretary shall attend all meetings of the Board of Directors and all meetings of stockholders and record all the proceedings thereat in a book or books to be kept for that purpose; the Secretary shall also perform like duties for committees of the Board of Directors when required. The Secretary shall give, or cause to be given, notice of all meetings of the stockholders and special meetings of the Board of Directors, and shall perform such other duties as may be prescribed by the Board of Directors, the Chairman of the Board of Directors or the Chief Executive Officer, under whose supervision the Secretary shall be. If the Secretary shall be unable or shall refuse to cause to be given notice of all meetings of the stockholders and special meetings of the Board of Directors, and if there be no Assistant Secretary, then either the Board of Directors or the Chief Executive Officer may choose another officer to cause such notice to be given. The Secretary shall have custody of the seal of the Corporation and the Secretary or any Assistant Secretary, if there be one, shall have authority to

affix the same to any instrument requiring it and when so affixed, it may be attested by the signature of the Secretary or by the signature of any such Assistant Secretary. The Board of Directors may give general authority to any other officer to affix the seal of the Corporation and to attest to the affixing by such officer's signature. The Secretary shall see that all books, reports, statements, certificates and other documents and records required by law to be kept or filed are properly kept or filed, as the case may be.

Section 10. Treasurer. The Treasurer shall have the custody of the corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to the Corporation and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as may be designated by the Board of Directors. The Treasurer shall disburse the funds of the Corporation as may be ordered by the Board of Directors, taking proper vouchers for such disbursements, and shall render to the Chief Executive Officer and the Board of Directors, at its regular meetings, or when the Board of Directors so requires, an account of all transactions as Treasurer and of the financial condition of the Corporation. If required by the Board of Directors, the Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of the office of the Treasurer and for the restoration to the Corporation, in case of the Treasurer's death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in the Treasurer's possession or under the Treasurer's control belonging to the Corporation.

Section 11. Assistant Secretaries. Assistant Secretaries, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the Chief Executive Officer, the President, any Vice President, if there be one, or the Secretary, and in the absence of the Secretary or in the event of the Secretary's inability or refusal to act, shall perform the duties of the Secretary, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Secretary.

Section 12. Assistant Treasurers. Assistant Treasurers, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the Chief Executive Officer, the President, any Vice President, if there be one, or the Treasurer, and in the absence of the Treasurer or in the event of the Treasurer's inability or refusal to act, shall perform the duties of the Treasurer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer. If required by the Board of Directors, an Assistant Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of the office of Assistant Treasurer and for the restoration to the Corporation, in case of the Assistant Treasurer's death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in the Assistant Treasurer's possession or under the Assistant Treasurer's control belonging to the Corporation.

Section 13. Other Officers. Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to

them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

ARTICLE V STOCK

Section 1. Stock Certificates and Uncertificated Shares. The shares of stock of the Corporation may be represented by certificates or may be uncertificated. Every holder of stock in the Corporation shall be entitled to have a certificate signed, in the name of the Corporation (i) by the Chairman of the Board of Directors, the President or a Vice President and (ii) by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Corporation, certifying the number of shares owned by such stockholder in the Corporation. Absent a specific request for such a certificate by the registered owner or transferee thereof, all shares may be uncertificated upon the original issuance thereof by the Corporation or upon surrender of the certificate representing such shares to the Corporation or its transfer agent.

Section 2. Signatures. Any or all of the signatures on a certificate may be a facsimile. In case any officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if such person were such officer, transfer agent or registrar at the date of issue.

Section 3. Lost Certificates. The Board of Directors may direct uncertificated shares or, if requested by the registered owner, a new certificate to be issued in place of any certificate theretofore issued by the Corporation alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed. When authorizing such issue of uncertificated shares or a new certificate, the Board of Directors may, in its discretion and as a condition precedent to the issuance thereof, require the owner of such lost, stolen or destroyed certificate, or the owner's legal representative, to advertise the same in such manner as the Board of Directors shall require and/or to give the Corporation a bond in such sum as it may direct as indemnity against any claim that may be made against the Corporation with respect to the certificate alleged to have been lost, stolen or destroyed.

Section 4. Transfers. Stock of the Corporation shall be transferable in the manner prescribed by law and in these By-Laws. Transfers of stock shall be made on the books of the Corporation, and in the case of certificated shares of stock, only by the person named in the certificate or by such person's attorney lawfully constituted in writing and upon the surrender of the certificate therefor, properly endorsed for transfer, or in the case of uncertificated shares of stock, upon receipt of proper transfer instructions from the registered owner of the shares or by such person's attorney lawfully constituted in writing, and in either case upon evidence of payment of all necessary transfer taxes; provided, however, that such surrender and endorsement or evidence of payment of taxes shall not be required in any case in which the proper officer or officers of the Corporation shall determine to waive such requirement. With respect to certificated shares of stock, every certificate exchanged, returned or surrendered to the Corporation shall be marked "Cancelled," with the date of cancellation, by the Secretary or

Assistant Secretary of the Corporation or the transfer agent thereof. No transfer of stock shall be valid as against the Corporation for any purpose until it shall have been entered in the stock records of the Corporation by an entry showing from and to whom transferred.

Section 5. Record Date.

(a) In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall not be more than sixty nor less than ten days before the date of such meeting. If no record date is fixed by the Board of Directors, the record date for determining stockholders entitled to notice of or to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; providing, however, that the Board of Directors may fix a new record date for the adjourned meeting.

(b) In order that the Corporation may determine the stockholders entitled to consent to corporate action in writing without a meeting, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall not be more than ten days after the date upon which the resolution fixing the record date is adopted by the Board of Directors. If no record date has been fixed by the Board of Directors, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting, when no prior action by the Board of Directors is required by law, shall be the first date on which a signed written consent setting forth the action taken or proposed to be taken is delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Delivery made to the Corporation's registered office shall be by hand or by certified or registered mail, return receipt requested. If no record date has been fixed by the Board of Directors and prior action by the Board of Directors is required by law, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting shall be at the close of business on the day on which the Board of Directors adopts the resolutions taking such prior action.

(c) In order that the Corporation may determine the stockholders entitled to receive payment of any dividend or other distribution or allotment of any rights or the stockholders entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted, and which record date shall be not more than 60 days prior to such action. If no record date is fixed, the record date for determining stockholders for any such purpose shall be at the close of business on the day on which the Board of Directors adopts the resolution relating thereto.

Section 6. Record Owners. The Corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends, and to vote as such owner, and to hold liable for calls and assessments a person registered on its books as the owner of shares, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of any other person, whether or not it shall have express or other notice thereof, except as otherwise required by law.

Section 7. Transfer and Registry Agents. The Corporation may from time to time maintain one or more transfer offices or agencies and registry offices or agencies at such place or places as may be determined from time to time by the Board of Directors.

ARTICLE VI NOTICES

Section 1. Notices. Whenever written notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, such notice may be given by mail, addressed to such director, member of a committee or stockholder, at such person's address as it appears on the records of the Corporation, with postage thereon prepaid, and such notice shall be deemed to be given at the time when the same shall be deposited in the United States mail. Without limiting the manner by which notice otherwise may be given effectively to stockholders, any notice to stockholders given by the Corporation under applicable law, the Certificate of Incorporation or these By-Laws shall be effective if given by a form of electronic transmission if consented to by the stockholder to whom the notice is given. Any such consent shall be revocable by the stockholder by written notice to the Corporation. Any such consent shall be deemed to be revoked if (i) the Corporation is unable to deliver by electronic transmission two consecutive notices by the Corporation in accordance with such consent and (ii) such inability becomes known to the Secretary or Assistant Secretary of the Corporation or to the transfer agent, or other person responsible for the giving of notice; provided, however, that the inadvertent failure to treat such inability as a revocation shall not invalidate any meeting or other action. Notice given by electronic transmission, as described above, shall be deemed given: (i) if by facsimile telecommunication, when directed to a number at which the stockholder has consented to receive notice; (ii) if by electronic mail, when directed to an electronic mail address at which the stockholder has consented to receive notice; (iii) if by a posting on an electronic network, together with separate notice to the stockholder of such specific posting, upon the later of (A) such posting and (B) the giving of such separate notice; and (iv) if by any other form of electronic transmission, when directed to the stockholder. Notice to directors or committee members may be given personally or by telegram, telex, cable or by means of electronic transmission.

Section 2. Waivers of Notice. Whenever any notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, a waiver thereof in writing, signed by the person or persons entitled to said notice, or a waiver by electronic transmission by the person or persons entitled to said notice, whether before or after the time stated therein, shall be deemed equivalent thereto. Attendance of a person at a meeting, present in person or represented by proxy, shall constitute a waiver of notice of such meeting, except where the person attends the meeting for the express purpose of objecting at the beginning of the meeting to the transaction of any business because the meeting

is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of, any Annual or Special Meeting of Stockholders or any regular or special meeting of the directors or members of a committee of directors need be specified in any written waiver of notice or any waiver by electronic transmission unless so required by law, the Certificate of Incorporation or these By-Laws.

ARTICLE VII GENERAL PROVISIONS

Section 1. Dividends. Dividends upon the capital stock of the Corporation, subject to the requirements of the DGCL and the provisions of the Certificate of Incorporation, if any, may be declared by the Board of Directors at any regular or special meeting of the Board of Directors (or any action by written consent in lieu thereof in accordance with Section 6 of Article III hereof), and may be paid in cash, in property, or in shares of the Corporation's capital stock. Before payment of any dividend, there may be set aside out of any funds of the Corporation available for dividends such sum or sums as the Board of Directors from time to time, in its absolute discretion, deems proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the Corporation, or for any proper purpose, and the Board of Directors may modify or abolish any such reserve.

Section 2. Disbursements. All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other person or persons as the Board of Directors may from time to time designate.

Section 3. Fiscal Year. The fiscal year of the Corporation shall be fixed by resolution of the Board of Directors.

Section 4. Corporate Seal. The corporate seal shall have inscribed thereon the name of the Corporation, the year of its organization and the words "Corporate Seal, Delaware". The seal may be used by causing it or a facsimile thereof to be impressed or affixed or otherwise reproduced.

Section 5. Forum for Adjudication of Certain Disputes. Unless the Corporation consents in writing to the selection of an alternative forum (an "Alternative Forum Consent"), the Court of Chancery of the State of Delaware shall be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of the Corporation, (ii) any action asserting a claim of breach of a fiduciary duty owed by any director, officer, stockholder, employee or agent of the Corporation to the Corporation or the Corporation's stockholders, (iii) any action asserting a claim against the Corporation or any director, officer, stockholder, employee or agent of the Corporation arising out of or relating to any provision of the General Corporation Law of Delaware or the Corporation's Certificate of Incorporation or Bylaws, or (iv) any action asserting a claim against the Corporation or any director, officer, stockholder, employee or agent of the Corporation governed by the internal affairs doctrine of the State of Delaware; provided, however, that, in the event that the Court of Chancery of the State of Delaware lacks subject matter jurisdiction over any such action or proceeding, the sole and exclusive forum for such action or proceeding shall be another state or federal court located within the State of Delaware, in each such case, unless the Court of Chancery (or such other state

or federal court located within the State of Delaware, as applicable) has dismissed a prior action by the same plaintiff asserting the same claims because such court lacked personal jurisdiction over an indispensable party named as a defendant therein. Failure to enforce the foregoing provisions would cause the Corporation irreparable harm and the Corporation shall be entitled to equitable relief, including injunctive relief and specific performance, to enforce the foregoing provisions. Any person or entity purchasing or otherwise acquiring any interest in shares of capital stock of the Corporation shall be deemed to have notice of and consented to the provisions of this Section 5 of Article VII. If any action the subject matter of which is within the scope of this Section 5 of Article VII is filed in a court other than the Court of Chancery of the State of Delaware (or any other state or federal court located within the State of Delaware, as applicable) (a "Foreign Action") by or in the name of any stockholder, such stockholder shall be deemed to have consented to (i) the personal jurisdiction of the Court of Chancery of the State of Delaware (or such other state or federal court located within the State of Delaware, as applicable) in connection with any action brought in any such court to enforce this Section 5 of Article VII and (ii) having service of process made upon such stockholder in any such action by service upon such stockholder's counsel in the Foreign Action as agent for such stockholder. The existence of any prior Alternative Forum Consent shall not act as a waiver of the Corporation's ongoing consent right as set forth above in this Section 5 of Article VII with respect to any current or future actions or claims.

ARTICLE VIII INDEMNIFICATION

Section 1. Power to Indemnify in Actions, Suits or Proceedings other than Those by or in the Right of the Corporation. Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that such person is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director or officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe such person's conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which such person reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that such person's conduct was unlawful.

Section 2. Power to Indemnify in Actions, Suits or Proceedings by or in the Right of the Corporation. Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in

its favor by reason of the fact that such person is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation; except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the Corporation unless and only to the extent that the Court of Chancery of the State of Delaware or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

Section 3. Authorization of Indemnification. Any indemnification under this Article VIII (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that indemnification of the present or former director or officer is proper in the circumstances because such person has met the applicable standard of conduct set forth in Section 1 or Section 2 of this Article VIII, as the case may be. Such determination shall be made, with respect to a person who is a director or officer at the time of such determination, (i) by a majority vote of the directors who are not parties to such action, suit or proceeding, even though less than a quorum, or (ii) by a committee of such directors designated by a majority vote of such directors, even though less than a quorum, or (iii) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion or (iv) by the stockholders. Such determination shall be made, with respect to former directors and officers, by any person or persons having the authority to act on the matter on behalf of the Corporation. To the extent, however, that a present or former director or officer of the Corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding described above, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith, without the necessity of authorization in the specific case.

Section 4. Good Faith Defined. For purposes of any determination under Section 3 of this Article VIII, a person shall be deemed to have acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation, or, with respect to any criminal action or proceeding, to have had no reasonable cause to believe such person's conduct was unlawful, if such person's action is based on the records or books of account of the Corporation or another enterprise, or on information supplied to such person by the officers of the Corporation or another enterprise in the course of their duties, or on the advice of legal counsel for the Corporation or another enterprise or on information or records given or reports made to the Corporation or another enterprise by an independent certified public accountant or by an appraiser or other expert selected with reasonable care by the Corporation or another enterprise. The term "another enterprise" as used in this Section 4 shall mean any other corporation or any partnership, joint venture, trust, employee benefit plan or other enterprise of which such person is or was serving at the request of the Corporation as a director, officer, employee or agent. The provisions of this Section 4 shall

not be deemed to be exclusive or to limit in any way the circumstances in which a person may be deemed to have met the applicable standard of conduct set forth in Section 1 or Section 2 of this Article VIII, as the case may be.

Section 5. Indemnification by a Court. Notwithstanding any contrary determination in the specific case under Section 3 of this Article VIII, and notwithstanding the absence of any determination thereunder, any director or officer may apply to the Court of Chancery of the State of Delaware for indemnification to the extent otherwise permissible under Sections 1 and 2 of this Article VIII. The basis of such indemnification by a court shall be a determination by such court that indemnification of the director or officer is proper in the circumstances because such person has met the applicable standards of conduct set forth in Section 1 or 2 of this Article VIII, as the case may be. Neither a contrary determination in the specific case under Section 3 of this Article VIII nor the absence of any determination thereunder shall be a defense to such application or create a presumption that the director or officer seeking indemnification has not met any applicable standard of conduct. Notice of any application for indemnification pursuant to this Section 5 shall be given to the Corporation promptly upon the filing of such application. If successful, in whole or in part, the director or officer seeking indemnification shall also be entitled to be paid the expense of prosecuting such application.

Section 6. Expenses Payable in Advance. Expenses (including attorneys' fees) incurred by a director or officer in defending any civil, criminal, administrative or investigative action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that such person is not entitled to be indemnified by the Corporation as authorized in this Article VIII.

Section 7. Nonexclusivity of Indemnification and Advancement of Expenses. The indemnification and advancement of expenses provided by or granted pursuant to this Article VIII shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under the Certificate of Incorporation, any By-Law, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in such person's official capacity and as to action in another capacity while holding such office, it being the policy of the Corporation that indemnification of the persons specified in Section 1 and Section 2 of this Article VIII shall be made to the fullest extent permitted by law. The provisions of this Article VIII shall not be deemed to preclude the indemnification of any person who is not specified in Section 1 or Section 2 of this Article VIII but whom the Corporation has the power or obligation to indemnify under the provisions of the DGCL, or otherwise.

Section 8. Insurance. The Corporation may purchase and maintain insurance on behalf of any person who is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the Corporation would have the power or the obligation to indemnify such person against such liability under the provisions of this Article VIII.

Section 9. Certain Definitions. For purposes of this Article VIII, references to "the Corporation" shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors or officers, so that any person who is or was a director or officer of such constituent corporation, or is or was a director or officer of such constituent corporation serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, shall stand in the same position under the provisions of this Article VIII with respect to the resulting or surviving corporation as such person would have with respect to such constituent corporation if its separate existence had continued. For purposes of this Article VIII, references to "fines" shall include any excise taxes assessed on a person with respect to an employee benefit plan; and references to "serving at the request of the Corporation" shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves services by, such director or officer with respect to an employee benefit plan, its participants or beneficiaries; and a person who acted in good faith and in a manner such person reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the Corporation" as referred to in this Article VIII.

Section 10. Survival of Indemnification and Advancement of Expenses. The indemnification and advancement of expenses provided by, or granted pursuant to, this Article VIII shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director or officer and shall inure to the benefit of the heirs, executors and administrators of such a person.

Section 11. Limitation on Indemnification. Notwithstanding anything contained in this Article VIII to the contrary, except for proceedings to enforce rights to indemnification (which shall be governed by Section 5 hereof), the Corporation shall not be obligated to indemnify any director or officer (or his or her heirs, executors or personal or legal representatives) or advance expenses in connection with a proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized or consented to by the Board of Directors of the Corporation.

Section 12. Indemnification of Employees and Agents. The Corporation may, to the extent authorized from time to time by the Board of Directors, provide rights to indemnification and to the advancement of expenses to employees and agents of the Corporation similar to those conferred in this Article VIII to directors and officers of the Corporation.

ARTICLE IX AMENDMENTS

Section 1. Amendments. These By-Laws may be altered, amended or repealed, in whole or in part, or new By-Laws may be adopted, by the stockholders or by the Board of Directors, provided, however, that notice of the proposed alteration, amendment, repeal or adoption of new By-Laws be contained in the notice of the meeting of stockholders or Board of Directors, as the case may be, at which such proposed alteration, amendment, repeal or

adoption is to be adopted. All such amendments must be approved by either the holders of a majority of the outstanding capital stock entitled to vote thereon or by a majority of the entire Board of Directors then in office.

Section 2. Entire Board of Directors. As used in this Article IX and in these By-Laws generally, the term "entire Board of Directors" means the total number of directors determined to constitute the Board of Directors pursuant to Article III, Section 1 hereof, without regard to any vacancies.

* * *