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## Section 1: 8-K (8-K)

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

**FORM 8-K**

**CURRENT REPORT**  
**Pursuant to Section 13 or 15(d) of the**  
**Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **November 1, 2018**

**PNMAC Holdings, Inc.**  
(formerly known as PennyMac Financial Services, Inc.)  
(Exact Name of Registrant as Specified in Charter)

**Delaware**  
(State or Other Jurisdiction of  
Incorporation)

**001-35916**  
(Commission File Number)

**80-0882793**  
(I.R.S. Employer  
Identification No.)

**3043 Townsgate Road**  
**Westlake Village, California**  
(Address of Principal Executive Offices)

**91361**  
(Zip Code)

Registrant's telephone number, including area code: **(818) 224-7442**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

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

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the Securities Exchange Act of 1934.

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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## Explanatory Note

As discussed below, in connection with the Closing (defined below) of the Reorganization (defined below), PennyMac Financial Services, Inc. was renamed PNMAC Holdings, Inc. and is referred to in this Form 8-K as the “**Company**.” Pursuant to the Reorganization, the Company is now a wholly-owned subsidiary of PennyMac Financial Services, Inc. which was formerly known as New PennyMac Financial Services, Inc. (the “**Successor**”). The Successor currently has 100% control over the Company and now conducts all of the operations that were conducted by the Company prior to the Closing of the Reorganization. The Successor’s shares of common stock trade on the NYSE (defined below) under the ticker symbol “PFSI.”

### Item 1.01 Entry Into a Material Definitive Agreement.

#### Certain Relationships with Related Parties

As of October 1, 2018, BlackRock Mortgage Ventures, LLC (“**BlackRock**”) and HC Partners, LLC (“**Highfields**”) beneficially held approximately 21% and 26%, respectively, of the voting power of the Company and each held rights to nominate up to two individuals for election to the Company’s board of directors. Further, prior to the Closing of the Reorganization, Messrs. Matthew Botein and Mark Wiedman were members of the Company’s board of directors as the designees of BlackRock and Mr. Wiedman was affiliated with entities that are affiliated with BlackRock. In addition, prior to the Closing of the Reorganization, Mr. Joseph Mazzella was a member of the Company’s board of directors as the designee of Highfields and was unaffiliated with entities that were affiliated with Highfields.

The disclosure under the heading “*Certain Relationships with Related Parties*” is incorporated by reference into the below disclosures, under the other headings of this Item 1.01.

#### Fifth Amended and Restated Limited Liability Company Agreement

On November 1, 2018, in connection with the Closing of the Reorganization, the Company, the Successor, and Private National Mortgage Acceptance Company, LLC (“**PNMAC**”) entered into the Fifth Amended and Restated Limited Liability Company Agreement of PNMAC (the “**LLC Agreement**”).

Pursuant to the LLC Agreement, among other things, the Successor became the managing member of PNMAC and succeeded to all of the rights, obligations, and authority incident to being the managing member and, further, certain provisions of the former limited liability company agreement of PNMAC applicable to former PNMAC members, including BlackRock, Highfields, and certain employees of the Company, were removed as such provisions were no longer applicable following the Reorganization.

The foregoing description of the LLC Agreement does not purport to be complete and is subject to, and is qualified in its entirety by, the full text of the LLC Agreement, a copy of which is filed as Exhibit 10.1 hereto and incorporated herein by reference.

#### Amended and Restated Stockholder Agreements

Previously, the Company had entered into separate stockholder agreements with each of BlackRock and Highfields that provided each of them with certain rights. On November 1, 2018, in connection with the Closing of the Reorganization, the Company, the Successor, and each of BlackRock and Highfields entered into separate amended and restated stockholder agreements (the “**Stockholder Agreements**”).

Pursuant to the Stockholder Agreements, each of BlackRock or Highfields have the right to nominate two individuals for election to the Successor's board of directors as long as each of BlackRock or Highfields, together with their respective affiliates, holds at least 15% of the voting power of the common stock of the Successor, and the right to nominate one individual for election to the Successor's board of directors as long as each of BlackRock or Highfields, together with their respective affiliates, holds at least 10% of the voting power of the common stock of the Successor. The Successor, in turn, is obligated to use its best efforts to ensure that these nominees are elected.

In addition, these Stockholder Agreements provide that each of BlackRock and Highfields, as long as each of them is entitled to nominate at least one individual for election to the board of directors of the Successor and at least one nominee thereof is then serving on the board of directors of the Successor, is entitled to have one nominee serve as a member on each committee and subcommittee of the board of directors of the Successor. As long as those nominees are qualified to serve on such committee or subcommittee under the laws and regulations applicable to the Successor, including without limitation the applicable independence standards, the Successor's board of directors will appoint them as members of such committee or subcommittee upon request. These Stockholder Agreements provide that neither the Successor's certificate of incorporation nor the Successor's bylaws, as in effect from time to time, may be amended in any manner that is adverse to BlackRock, Highfields or their respective affiliates without the consent of BlackRock or Highfields, as applicable, as long as either of them, together with each of their affiliates, holds at least 5% of the voting power of the Successor's outstanding capital stock.

The foregoing description of the Stockholder Agreements does not purport to be complete and is subject to, and is qualified in its entirety by, the full text of the Stockholder Agreements, copies of which are filed as Exhibit 10.2 and 10.3, respectively, hereto and are incorporated herein by reference.

#### Amended and Restated Registration Rights Agreement

On November 1, 2018, in connection with the Closing of the Reorganization, the Company entered into an Amended and Restated Registration Rights Agreement (the "**Registration Rights Agreement**") with the Successor and certain holders defined therein to provide for the assumption by the Successor of the Company's obligations under the Registration Rights Agreement. Pursuant to the Registration Rights Agreement, BlackRock, Highfields and certain of their permitted transferees have the right, under certain circumstances and subject to certain restrictions, to require the Successor to file a registration statement for the resale of shares of common stock of the Successor held by them.

The foregoing description of the Registration Rights Agreement does not purport to be complete and is subject to, and is qualified in its entirety by, the full text of the Registration Rights Agreement, a copy of which is filed as Exhibit 10.4 hereto and incorporated herein by reference.

#### Termination of the Exchange Agreement

On November 1, 2018, in connection with the Closing of the Reorganization, the Exchange Agreement, dated as of May 8, 2013, among the Company, PNMAC, and certain owners of PNMAC, as amended (the "**Exchange Agreement**"), was terminated because, following the Closing, all of the Class A units of PNMAC were owned directly or indirectly by the Successor and no further exchanges of the Class A units for shares of the Company's Class A common stock will be made.

Because the Exchange Agreement was terminated, no future tax benefits will be created by way of future exchanges under the Exchange Agreement. These future tax benefits were to be shared under the Exchange Agreement with 85% of the value of such tax benefits being distributed to exchanging owners of PNMAC and 15% of the value of such tax benefits being retained by the Company.

### Assignment and Assumption of Indemnification Agreements and Employment Agreements

On November 1, 2018, in connection with the Closing of the Reorganization, the Company assigned to the Successor, and the Successor assumed from the Company and agreed to perform, all of the Company's obligations under:

- all indemnification agreements that were effective immediately prior to the Closing with individuals who were members of the Company's board of directors immediately prior to the Closing, and
- all existing employment agreements and offer letters with each officer of the Company.

#### **Item 2.01 Completion of Acquisition or Disposition of Assets.**

The disclosure under Items 3.03 and 5.01 of this Form 8-K is incorporated herein by reference.

#### **Item 3.01 Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing.**

Prior to the open of trading on November 1, 2018 on the New York Stock Exchange (the "NYSE"), in connection with the Closing of the Reorganization, shares of the Company's Class A common stock ceased trading and, as described below, were converted on a one-for-one basis into shares of common stock of the Successor. Shares of common stock of the Successor started to trade at the open of trading on November 1, 2018 on the NYSE under the same ticker symbol, "PFSI," as the Company's former ticker symbol.

The Company requested the NYSE file a Form 25 to withdraw the Company's Class A common stock from listing on the NYSE and terminate the registration of the Company's Class A common stock under Section 12(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The Company will file a Form 15 with the SEC to suspend its reporting obligations under Sections 15(d) and 12(g) of the Exchange Act with respect to its Class A common stock.

#### **Item 3.03 Material Modification to Rights of Security Holders.**

##### The Company's New Certificate of Incorporation and Bylaws

On November 1, 2018, in connection with the Closing of the Reorganization and as described below, the Company became a wholly-owned subsidiary of the Successor and adopted the Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws which are filed as Exhibit 3.1 and 3.2, respectively, hereto.

Further, on November 1, 2018 as a result of the Closing, holders of the Company's Class A common stock became holders of the Successor's common stock. Therefore, the constituent instruments defining the rights of holders of common stock of the Successor are the Successor's Amended and Restated Certificate of Incorporation, Certificate of Amendment to the Amended and Restated Certificate of Incorporation, and Amended and Restated Bylaws that are filed as Exhibit 3.1, 3.2, and 3.3, respectively, to the Form 8-K12B filed by the Successor on November 1, 2018 (the "Successor's Instruments").

For a discussion of the constituent instruments defining the rights of holders of the Successor's common stock, please refer to the Successor's Instruments and the disclosure under the headings "Description of New PennyMac Capital Stock" and "Comparative Rights of Holders of New PennyMac Common Stock and Existing PennyMac Common Stock" in the Company's definitive proxy statement filed on September 18, 2018.

## Item 5.01 Changes in Control of the Registrant.

### Closing of the Reorganization Transaction

On November 1, 2018, the following transactions contemplated by a Contribution Agreement and Plan of Merger dated August 2, 2018 (the “**Reorganization Agreement**”) were completed (the “**Closing**”) which caused a change in control of the Company and effectuated the Reorganization:

- New PennyMac Merger Sub, LLC (“**Merger Sub**”) merged with the Company with the Company surviving the merger as a wholly-owned subsidiary of the Successor;
- Shares of Class A common stock of the Company were converted on a one-for-one basis into shares of common stock of the Successor;
- Shares of Class B common stock of the Company were cancelled for no consideration;
- The contributors listed in the exhibits to the Reorganization Agreement exchanged all of their Class A units of PNMAC on a one-for-one basis for shares of common stock of the Successor; and
- The Successor assumed the Company’s existing equity incentive plan such that the terms in effect prior to the Reorganization under each outstanding equity incentive award assumed by the Successor will continue in full force and effect after the Reorganization, except that shares of Class A common stock reserved under the Company’s plans and issuable under each such award will be replaced by shares of common stock of the Successor.

The following “**Reorganization**” occurred as a result of the Closing:

- The Successor has 100% control over the Company, is the publicly-held and public-reporting SEC registrant pursuant to paragraphs (a) and (f) of Rule 12g-3 of the Exchange Act, and now conducts all of the operations previously conducted by the Company;
- The Successor’s shares of common stock trade on the NYSE under the same ticker symbol, “PFSI,” as the Company’s former ticker symbol and the Successor’s class of common stock is deemed registered under Section 12(b) of the Exchange Act; and
- The Company’s “Up-C” structure and dual class of common stock were eliminated and, now, all of the stockholders of the Successor hold a single class of common stock.

The Reorganization was intended to be treated as an integrated transaction that qualifies as a reorganization within the meaning of Section 368(a) of the Internal Revenue Code of 1986, as amended (the “**Code**”) and/or a transfer described in Section 351(a) of the Code.

The foregoing description of the Reorganization Agreement does not purport to be complete and is subject to, and is qualified in its entirety by, the full text of the Reorganization Agreement, a copy of which is filed as Exhibit 2.1 hereto and incorporated herein by reference.

The disclosure under Item 1.01 of this Form 8-K under the heading “*Amended and Restated Stockholders Agreements*” and “*Certain Relationships with Related Parties*” is incorporated herein by reference.

## Item 5.02 Departures of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements with Certain Officers.

### The Company’s New Directors

On November 1, 2018, in connection with the Closing of the Reorganization, all of the members of the Company’s board of directors immediately prior to the Closing were removed without cause after the Closing; the size of the Company’s board of directors was reduced from eleven to three directors after the Closing; and Anne D. McCallion, David A. Spector, and Stanford L. Kurland were elected and appointed to serve as directors of the Company.

**Item 5.03 Amendments to Articles of Incorporation or Bylaws; Change in Fiscal Year.**

The disclosure under Item 3.03 of this Form 8-K is incorporated herein by reference.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit No.</b>	<b>Description</b>
2.1	<a href="#"><u>Contribution Agreement and Plan of Merger, dated as of August 2, 2018, by and among PennyMac Financial Services, Inc., New PennyMac Financial Services, Inc., New PennyMac Merger Sub, LLC, Private National Mortgage Acceptance Company, LLC, and the Contributors identified therein (incorporated by reference to Exhibit 2.1 to the Form S-4/A filed by the Successor on September 12, 2018).</u></a>
3.1	<a href="#"><u>Amended and Restated Certificate of Incorporation.</u></a>
3.2	<a href="#"><u>Amended and Restated Bylaws.</u></a>
10.1	<a href="#"><u>Fifth Amended and Restated Limited Liability Company Agreement of Private National Mortgage Acceptance Company, LLC (incorporated by reference to Exhibit 10.1 to the Form 8-K12B filed by the Successor on November 1, 2018).</u></a>
10.2	<a href="#"><u>Amended and Restated Stockholder Agreement with BlackRock (incorporated by reference to Exhibit 10.2 to the Form 8-K12B filed by the Successor on November 1, 2018).</u></a>
10.3	<a href="#"><u>Amended and Restated Stockholder Agreement with Highfields (incorporated by reference to Exhibit 10.3 to the Form 8-K12B filed by the Successor on November 1, 2018).</u></a>
10.4	<a href="#"><u>Amended and Restated Registration Rights Agreement (incorporated by reference to Exhibit 10.4 to the Form 8-K12B filed by the Successor on November 1, 2018).</u></a>

## SIGNATURES

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

Date: November 1, 2018

**PNMAC HOLDINGS, INC.**  
**(f/k/a PennyMac Financial Services, Inc.)**

By: /s/ Andrew S. Chang  
Andrew S. Chang  
Senior Managing Director and Chief Financial Officer

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## Section 2: EX-3.1 (EX-3.1)

**Exhibit 3.1**

### AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF PNMAC HOLDINGS, INC.

#### ARTICLE I

The name of the corporation is PNMAC Holdings, Inc. (the “Company”).

#### ARTICLE II

The address of the Company’s registered office in the State of Delaware is The Corporation Trust Company, 1209 Orange Street, in the City of Wilmington, County of New Castle, Delaware, 19801. The name of the registered agent at such address is The Corporation Trust Company.

#### ARTICLE III

The purpose of the Company is to engage in any lawful act or activity for which corporations may be organized under the Delaware General Corporation Law, as the same exists or as may hereafter be amended from time to time.

#### ARTICLE IV

This Company is authorized to issue one class of shares to be designated Common Stock. The total number of shares of Common Stock the Company has authority to issue is 1,000 with par value of \$0.0001 per share.

#### ARTICLE V

In furtherance and not in limitation of the powers conferred by statute, the board of directors of the Company is expressly authorized to make, alter, amend or repeal the bylaws of the Company.

#### ARTICLE VI

Elections of directors need not be by written ballot unless otherwise provided in the bylaws of the Company.

#### ARTICLE VII

To the fullest extent permitted by the Delaware General Corporation Law, as the same exists or as may hereafter be amended from time to time, a director of the Company shall not be personally liable to the Company or its stockholders for monetary damages for breach of fiduciary duty as a director. If the Delaware General Corporation Law is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the Company shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.

The Company shall indemnify, to the fullest extent permitted by applicable law, any director or officer of the Company 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 (a “**Proceeding**”) by reason of the fact that he or she is or was a director, officer, employee or agent of the



Company or is or was serving at the request of the Company as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any such Proceeding. The Company shall be required to indemnify a person in connection with a Proceeding initiated by such person only if the Proceeding was authorized by the Board.

The Company shall have the power to indemnify, to the extent permitted by the Delaware General Corporation Law, as it presently exists or may hereafter be amended from time to time, any employee or agent of the Company who was or is a party or is threatened to be made a party to any Proceeding by reason of the fact that he or she is or was a director, officer, employee or agent of the Company or is or was serving at the request of the Company as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any such Proceeding.

Neither any amendment nor repeal of this Article, nor the adoption of any provision of this Certificate of Incorporation inconsistent with this Article, shall eliminate or reduce the effect of this Article in respect of any matter occurring, or any cause of action, suit or claim accruing or arising or that, but for this Article, would accrue or arise, prior to such amendment, repeal or adoption of an inconsistent provision.

#### ARTICLE VIII

Except as provided in ARTICLE VII above, the Company reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.

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### **Section 3: EX-3.2 (EX-3.2)**

**Exhibit 3.2**

**AMENDED AND RESTATED BYLAWS OF**

**PNMAC Holdings, Inc.**

**Adopted November 1, 2018**

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## AMENDED AND RESTATED BYLAWS

### ARTICLE I - MEETINGS OF STOCKHOLDERS

**1.1 Place of Meetings.** Meetings of stockholders of **PNMAC Holdings, Inc.** (the “*Company*”) shall be held at any place, within or outside the State of Delaware, determined by the Company’s board of directors (the “*Board*”). The Board may, in its sole discretion, determine that a meeting of stockholders shall not be held at any place, but may instead be held solely by means of remote communication as authorized by Section 211(a)(2) of the Delaware General Corporation Law (the “*DGCL*”). In the absence of any such designation or determination, stockholders’ meetings shall be held at the Company’s principal executive office.

**1.2 Annual Meeting.** An annual meeting of stockholders shall be held for the election of directors at such date and time as may be designated by resolution of the Board from time to time. Any other proper business may be transacted at the annual meeting. The Company shall not be required to hold an annual meeting of stockholders, *provided* that (i) the stockholders are permitted to act by written consent under the Company’s certificate of incorporation and these Amended and Restated Bylaws, (ii) the stockholders take action by written consent to elect directors and (iii) the stockholders unanimously consent to such action or, if such consent is less than unanimous, all of the directorships to which directors could be elected at an annual meeting held at the effective time of such action are vacant and are filled by such action.

**1.3 Special Meeting.** A special meeting of the stockholders may be called at any time by the Board, Chairperson of the Board, Chief Executive Officer or President (in the absence of a Chief Executive Officer) or by one or more stockholders holding shares in the aggregate entitled to cast not less than 10% of the votes at that meeting.

If any person(s) other than the Board calls a special meeting, the request shall:

- (i) be in writing;
- (ii) specify the time of such meeting and the general nature of the business proposed to be transacted; and
- (iii) be delivered personally or sent by registered mail or by facsimile transmission to the Chairperson of the Board, the Chief Executive Officer, the President (in the absence of a Chief Executive Officer) or the Secretary of the Company.

The officer(s) receiving the request shall cause notice to be promptly given to the stockholders entitled to vote at such meeting, in accordance with these Amended and Restated Bylaws, that a meeting will be held at the time requested by the person or persons calling the meeting. No business may be transacted at such special meeting other than the business specified in such notice to stockholders. Nothing contained in this paragraph of this **Section 1.3** shall be construed as limiting, fixing, or affecting the time when a meeting of stockholders called by action of the Board may be held.

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**1.4 Notice of Stockholders' Meetings.** 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 proxy holders may be deemed to be present in person and vote at such meeting, the record date for determining the stockholders entitled to vote at the meeting, if such date is different from the record date for determining stockholders entitled to notice of the meeting, and, in the case of a special meeting, the purpose or purposes for which the meeting is called. Except as otherwise provided in the DGCL, the certificate of incorporation or these Amended and Restated Bylaws, the written notice of any meeting of stockholders shall be given not less than 10 nor more than 60 days before the date of the meeting to each stockholder entitled to vote at such meeting as of the record date for determining the stockholders entitled to notice of the meeting.

**1.5 Quorum.** Except as otherwise provided by law, the certificate of incorporation or these Amended and Restated Bylaws, at each meeting of stockholders the presence in person or by proxy of the holders of shares of stock having a majority of the votes which could be cast by the holders of all outstanding shares of stock entitled to vote at the meeting shall be necessary and sufficient to constitute a quorum. Where a separate vote by a class or series or classes or series is required, a majority of the outstanding shares of such class or series or classes or series, present in person or represented by proxy, shall constitute a quorum entitled to take action with respect to that vote on that matter, except as otherwise provided by law, the certificate of incorporation or these Amended and Restated Bylaws.

If, however, such quorum is not present or represented at any meeting of the stockholders, then either (i) the chairperson of the meeting, or (ii) the stockholders entitled to vote at the meeting, present in person or represented by proxy, shall have the power to adjourn the meeting from time to time, in the manner provided in **Section 1.6**, until a quorum is present or represented.

**1.6 Adjourned Meeting; Notice.** Any meeting of stockholders, annual or special, may adjourn from time to time to reconvene at the same or some other place, and notice need not be given of the adjourned meeting if the time, place, if any, thereof, and the means of remote communications, if any, by which stockholders and proxy holders 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 Company may transact any business which might have been transacted at the original meeting. If the adjournment is for more than 30 days, a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting. If after the adjournment a new record date for stockholders entitled to vote is fixed for the adjourned meeting, the Board shall fix a new record date for notice of such adjourned meeting in accordance with Section 213(a) of the DGCL and **Section 1.10** of these Amended and Restated Bylaws, and shall give notice of the adjourned meeting to each stockholder of record entitled to vote at such adjourned meeting as of the record date fixed for notice of such adjourned meeting.

**1.7 Conduct of Business.** Meetings of stockholders shall be presided over by the Chairperson of the Board, if any, or in his or her absence by the Vice Chairperson of the Board, if any, or in the absence of the foregoing persons by the Chief Executive Officer, or in the

absence of the foregoing persons by the President, or in the absence of the foregoing persons by a Vice President, or in the absence of the foregoing persons by a chairperson designated by the Board, or in the absence of such designation by a chairperson chosen at the meeting. The Secretary shall act as secretary of the meeting, but in his or her absence the chairperson of the meeting may appoint any person to act as secretary of the meeting. The chairperson of any meeting of stockholders shall determine the order of business and the procedure at the meeting, including such regulation of the manner of voting and the conduct of business.

**1.8 Voting.** The stockholders entitled to vote at any meeting of stockholders shall be determined in accordance with the provisions of **Section 1.10** of these Amended and Restated Bylaws, subject to Section 217 (relating to voting rights of fiduciaries, pledgors and joint owners of stock) and Section 218 (relating to voting trusts and other voting agreements) of the DGCL.

Except as may be otherwise provided in the certificate of incorporation, each stockholder entitled to vote at any meeting of stockholders shall be entitled to one vote for each share of capital stock held by such stockholder which has voting power upon the matter in question. Voting at meetings of stockholders need not be by written ballot and, unless otherwise required by law, need not be conducted by inspectors of election unless so determined by the holders of shares of stock having a majority of the votes which could be cast by the holders of all outstanding shares of stock entitled to vote thereon which are present in person or by proxy at such meeting. If authorized by the Board, such requirement of a written ballot shall be satisfied by a ballot submitted by electronic transmission (as defined in **Section 7.2** of these Amended and Restated Bylaws), provided that any such electronic transmission must either set forth or be submitted with information from which it can be determined that the electronic transmission was authorized by the stockholder or proxy holder.

Except as otherwise required by law, the certificate of incorporation or these Amended and Restated Bylaws, in all matters other than the election of directors, the affirmative vote of a majority of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the subject matter shall be the act of the stockholders. Except as otherwise required by law, the certificate of incorporation or these Amended and Restated Bylaws, directors shall be elected by a plurality of the voting power of the shares present in person or represented by proxy at the meeting and entitled to vote on the election of directors. Where a separate vote by a class or series or classes or series is required, in all matters other than the election of directors, the affirmative vote of the majority of shares of such class or series or classes or series present in person or represented by proxy at the meeting shall be the act of such class or series or classes or series, except as otherwise provided by law, the certificate of incorporation or these Amended and Restated Bylaws.

**1.9 Stockholder Action by Written Consent Without a Meeting.** Unless otherwise provided in the certificate of incorporation, any action required by the DGCL to be taken at any annual or special meeting of stockholders of a corporation, or any action which may be taken at any annual or special meeting of such stockholders, 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 thereon were present and voted.

An electronic transmission (as defined in **Section 7.2**) consenting to an action to be taken and transmitted by a stockholder or proxy holder, or by a person or persons authorized to act for a stockholder or proxy holder, shall be deemed to be written, signed and dated for purposes of this section, *provided* that any such electronic transmission sets forth or is delivered with information from which the Company can determine (i) that the electronic transmission was transmitted by the stockholder or proxy holder or by a person or persons authorized to act for the stockholder or proxy holder and (ii) the date on which such stockholder or proxy holder or authorized person or persons transmitted such electronic transmission.

In the event that the Board shall have instructed the officers of the Company to solicit the vote or written consent of the stockholders of the Company, an electronic transmission of a stockholder written consent given pursuant to such solicitation may be delivered to the Secretary or the President of the Company or to a person designated by the Secretary or the President. The Secretary or the President of the Company or a designee of the Secretary or the President shall cause any such written consent by electronic transmission to be reproduced in paper form and inserted into the corporate records.

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 notice of such meeting had been the date that written consents signed by a sufficient number of holders to take the action were delivered to the Company as provided in Section 228 of the DGCL. In the event that the action which is consented to is such as would have required the filing of a certificate under any provision of the DGCL, if such action had been voted on by stockholders at a meeting thereof, the certificate filed under such provision shall state, in lieu of any statement required by such provision concerning any vote of stockholders, that written consent has been given in accordance with Section 228 of the DGCL.

**1.10 Record Date for Stockholder Notice; Voting; Giving Consents.** In order that the Company may determine the stockholders entitled to notice of any meeting of stockholders or any adjournment thereof, the Board 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 and which record date shall not be more than 60 nor less than 10 days before the date of such meeting. If the Board so fixes a date, such date shall also be the record date for determining the stockholders entitled to vote at such meeting unless the Board determines, at the time it fixes such record date, that a later date on or before the date of the meeting shall be the date for making such determination.

If no record date is fixed by the Board, the record date for determining stockholders entitled to notice of and 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; *provided, however*, that the Board may fix a new record date for determination of stockholders entitled to vote at the adjourned meeting, and in such case shall also fix as the record date for stockholders entitled to notice of

such adjourned meeting the same or an earlier date as that fixed for determination of stockholders entitled to vote in accordance with the provisions of Section 213 of the DGCL and this **Section 1.10** at the adjourned meeting.

In order that the Company may determine the stockholders entitled to consent to corporate action in writing without a meeting, the Board 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, and which date shall not be more than 10 days after the date upon which the resolution fixing the record date is adopted by the Board. If no record date has been fixed by the Board, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting, when no prior action by the Board 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 Company in accordance with applicable law. If no record date has been fixed by the Board and prior action by the Board 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 adopts the resolution taking such prior action.

In order that the Company 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 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 adopts the resolution relating thereto.

**1.11 Proxies.** Each stockholder entitled to vote at a meeting of 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 by proxy authorized by an instrument in writing or by a transmission permitted by law filed in accordance with the procedure established for the meeting, but no such proxy shall be voted or acted upon after three years from its date, unless the proxy provides for a longer period. The revocability of a proxy that states on its face that it is irrevocable shall be governed by the provisions of Section 212 of the DGCL.

**1.12 List of Stockholders Entitled to Vote.** The officer who has charge of the stock ledger of the Company 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; *provided, however*, if the record date for determining the stockholders entitled to vote is less than 10 days before the meeting date, the list shall reflect the stockholders entitled to vote as of the tenth day before the meeting date, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. The Company shall not be required to include electronic mail addresses or other electronic contact information on such list. Such list shall be open to the examination of any stockholder for any purpose germane to the meeting 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 Company's principal place of business. In the event that the Company determines to make the list available

on an electronic network, the Company may take reasonable steps to ensure that such information is available only to stockholders of the Company. 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 examined by any stockholder 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.

## ARTICLE II - DIRECTORS

**2.1 Powers.** The business and affairs of the Company shall be managed by or under the direction of the Board, except as may be otherwise provided in the DGCL or the certificate of incorporation.

**2.2 Number of Directors.** The Board shall consist of one or more members, each of whom shall be a natural person. Unless the certificate of incorporation fixes the number of directors, the number of directors shall be determined from time to time by resolution of (i) the Board or (ii) the holders of a majority of the voting power of the capital stock of the Company. No reduction of the authorized number of directors shall have the effect of removing any director before that director's term of office expires.

**2.3 Election, Qualification and Term of Office of Directors.** Except as provided in **Section 2.4** of these Amended and Restated Bylaws, and subject to **Sections 1.2** and **1.9** of these Amended and Restated Bylaws, directors shall be elected at each annual meeting of stockholders. Directors need not be stockholders unless so required by the certificate of incorporation or these Amended and Restated Bylaws. The certificate of incorporation or these Amended and Restated Bylaws may prescribe other qualifications for directors. Each director shall hold office until such director's successor is elected and qualified or until such director's earlier death, resignation or removal.

**2.4 Resignation and Vacancies.** Any director may resign at any time upon notice given in writing or by electronic transmission to the Company. A resignation is effective when the resignation is delivered unless the resignation specifies a later effective date or an effective date determined upon the happening of an event or events. A resignation which is conditioned upon the director failing to receive a specified vote for reelection as a director may provide that it is irrevocable. Unless otherwise provided in the certificate of incorporation or these Amended and Restated Bylaws, when one or more directors resign from the Board, effective at a future date, a majority of the directors then in office, including those who have so resigned, shall have power to fill such vacancy or vacancies, the vote thereon to take effect when such resignation or resignations shall become effective.

Unless otherwise provided in the certificate of incorporation or these Amended and Restated Bylaws:

- (i) Vacancies and newly created directorships resulting from any increase in the authorized number of directors elected by all of the stockholders

having the right to vote as a single class may be filled by a majority of the directors then in office, although less than a quorum, or by a sole remaining director.

(ii) Whenever the holders of any class or classes of stock or series thereof are entitled to elect one or more directors by the provisions of the certificate of incorporation, vacancies and newly created directorships of such class or classes or series may be filled by a majority of the directors elected by such class or classes or series thereof then in office, or by a sole remaining director so elected.

If at any time, by reason of death or resignation or other cause, the Company should have no directors in office, then any officer or any stockholder or an executor, administrator, trustee or guardian of a stockholder, or other fiduciary entrusted with like responsibility for the person or estate of a stockholder, may call a special meeting of stockholders in accordance with the provisions of the certificate of incorporation or these Amended and Restated Bylaws, or may apply to the Court of Chancery for a decree summarily ordering an election as provided in Section 211 of the DGCL.

If, at the time of filling any vacancy or any newly created directorship, the directors then in office constitute less than a majority of the whole Board (as constituted immediately prior to any such increase), the Court of Chancery may, upon application of any stockholder or stockholders holding at least 10% of the voting stock at the time outstanding having the right to vote for such directors, summarily order an election to be held to fill any such vacancies or newly created directorships, or to replace the directors chosen by the directors then in office as aforesaid, which election shall be governed by the provisions of Section 211 of the DGCL as far as applicable.

A director elected to fill a vacancy shall be elected for the unexpired term of his or her predecessor in office and until such director's successor is elected and qualified, or until such director's earlier death, resignation or removal.

**2.5 Place of Meetings; Meetings by Telephone.** The Board may hold meetings, both regular and special, either within or outside the State of Delaware.

Unless otherwise restricted by the certificate of incorporation or these Amended and Restated Bylaws, members of the Board, or any committee designated by the Board, may participate in a meeting of the Board, or any committee, by means of conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting shall constitute presence in person at the meeting.

**2.6 Conduct of Business.** Meetings of the Board shall be presided over by the Chairperson of the Board, if any, or in his or her absence by the Vice Chairperson of the Board, if any, or in the absence of the foregoing persons by a chairperson designated by the Board, or in the absence of such designation by a chairperson chosen at the meeting. The Secretary shall act

as secretary of the meeting, but in his or her absence the chairperson of the meeting may appoint any person to act as secretary of the meeting.

**2.7 Regular Meetings.** Regular meetings of the Board may be held without notice at such time and at such place as shall from time to time be determined by the Board.

**2.8 Special Meetings; Notice.** Special meetings of the Board for any purpose or purposes may be called at any time by the Chairperson of the Board, the Chief Executive Officer, the President, the Secretary or any two directors.

Notice of the time and place of special meetings shall be:

- (i) delivered personally by hand, by courier or by telephone;
- (ii) sent by United States first-class mail, postage prepaid;
- (iii) sent by facsimile; or
- (iv) sent by electronic mail,

directed to each director at that director's address, telephone number, facsimile number or electronic mail address, as the case may be, as shown on the Company's records.

If the notice is (i) delivered personally by hand, by courier or by telephone, (ii) sent by facsimile or (iii) sent by electronic mail, it shall be delivered or sent at least 24 hours before the time of the holding of the meeting. If the notice is sent by United States mail, it shall be deposited in the United States mail at least four days before the time of the holding of the meeting. Any oral notice may be communicated to the director. The notice need not specify the place of the meeting (if the meeting is to be held at the Company's principal executive office) nor the purpose of the meeting.

**2.9 Quorum; Voting.** At all meetings of the Board, a majority of the total authorized number of directors shall constitute a quorum for the transaction of business. If a quorum is not present at any meeting of the Board, then the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum is present. A meeting at which a quorum is initially present may continue to transact business notwithstanding the withdrawal of directors, if any action taken is approved by at least a majority of the required quorum for that meeting.

The vote of a majority of the directors present at any meeting at which a quorum is present shall be the act of the Board, except as may be otherwise specifically provided by statute, the certificate of incorporation or these Amended and Restated Bylaws.

If the certificate of incorporation provides that one or more directors shall have more or less than one vote per director on any matter, every reference in these Amended and Restated Bylaws to a majority or other proportion of directors shall refer to a majority or other proportion of the votes of the directors.

**2.10 Board Action by Written Consent Without a Meeting.** Unless otherwise restricted by the certificate of incorporation or these Amended and Restated Bylaws, any action required or permitted to be taken at any meeting of the Board, or of any committee thereof, may be taken without a meeting if all members of the Board or committee, as the case may be, consent thereto in writing or by electronic transmission and the writing or writings or electronic transmission or transmissions are filed with the minutes of proceedings of the Board or committee. Such filing shall be in paper form if the minutes are maintained in paper form and shall be in electronic form if the minutes are maintained in electronic form.

**2.11 Fees and Compensation of Directors.** Unless otherwise restricted by the certificate of incorporation or these Amended and Restated Bylaws, the Board shall have the authority to fix the compensation of directors.

**2.12 Removal of Directors.** Unless otherwise restricted by statute, the certificate of incorporation or these Amended and Restated Bylaws, any director or the entire Board may be removed, with or without cause, by the holders of a majority of the shares then entitled to vote at an election of directors.

No reduction of the authorized number of directors shall have the effect of removing any director prior to the expiration of such director's term of office.

### ARTICLE III - COMMITTEES

**3.1 Committees of Directors.** The Board may designate one or more committees, each committee to consist of one or more of the directors of the Company. The Board may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of the committee. In the absence or disqualification of a member of a committee, 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 member of the Board to act at the meeting in the place of any such absent or disqualified member. Any such committee, to the extent provided in the resolution of the Board or in these Amended and Restated Bylaws, shall have and may exercise all the powers and authority of the Board in the management of the business and affairs of the Company, and may authorize the seal of the Company to be affixed to all papers that may require it; but no such committee shall have the power or authority to (i) approve or adopt, or recommend to the stockholders, any action or matter (other than the election or removal of directors) expressly required by the DGCL to be submitted to stockholders for approval, or (ii) adopt, amend or repeal any bylaw of the Company.

**3.2 Committee Minutes.** Each committee shall keep regular minutes of its meetings and report the same to the Board when required.

**3.3 Meetings and Actions of Committees.** Meetings and actions of committees shall be governed by, and held and taken in accordance with, the provisions of:

- (i) **Section 2.5** (Place of Meetings; Meetings by Telephone);
- (ii) **Section 2.7** (Regular Meetings);

- (iii) **Section 2.8** (Special Meetings; Notice);
- (iv) **Section 2.9** (Quorum; Voting);
- (v) **Section 2.10** (Board Action by Written Consent Without a Meeting); and
- (vi) **Section 7.5** (Waiver of Notice)

with such changes in the context of those bylaws as are necessary to substitute the committee and its members for the Board and its members.  
*However:*

- (i) the time of regular meetings of committees may be determined either by resolution of the Board or by resolution of the committee;
- (ii) special meetings of committees may also be called by resolution of the Board; and
- (iii) notice of special meetings of committees shall also be given to all alternate members, who shall have the right to attend all meetings of the committee. The Board may adopt rules for the government of any committee not inconsistent with the provisions of these Amended and Restated Bylaws.

Any provision in the certificate of incorporation providing that one or more directors shall have more or less than one vote per director on any matter shall apply to voting in any committee or subcommittee, unless otherwise provided in the certificate of incorporation or these Amended and Restated Bylaws.

**3.4** *Subcommittees.* Unless otherwise provided in the certificate of incorporation, these Amended and Restated Bylaws or the resolutions of the Board designating the committee, a committee may create one or more subcommittees, each subcommittee to consist of one or more members of the committee, and delegate to a subcommittee any or all of the powers and authority of the committee.

#### **ARTICLE IV - OFFICERS**

**4.1** *Officers.* The officers of the Company shall be a President and a Secretary. The Company may also have, at the discretion of the Board, a Chairperson of the Board, a Vice Chairperson of the Board, a Chief Executive Officer, one or more Vice Presidents, a Chief Financial Officer, a Treasurer, one or more Assistant Treasurers, one or more Assistant Secretaries, and any such other officers as may be appointed in accordance with the provisions of these Amended and Restated Bylaws. Any number of offices may be held by the same person.

**4.2** *Appointment of Officers.* The Board shall appoint the officers of the Company, except such officers as may be appointed in accordance with the provisions of **Section 4.3** of these Amended and Restated Bylaws.

**4.3 Subordinate Officers.** The Board may appoint, or empower the Chief Executive Officer or, in the absence of a Chief Executive Officer, the President, to appoint, such other officers and agents as the business of the Company may require. Each of such officers and agents shall hold office for such period, have such authority, and perform such duties as are provided in these Amended and Restated Bylaws or as the Board may from time to time determine.

**4.4 Removal and Resignation of Officers.** Any officer may be removed, either with or without cause, by an affirmative vote of the majority of the Board at any regular or special meeting of the Board or, except in the case of an officer chosen by the Board, by any officer upon whom such power of removal may be conferred by the Board.

Any officer may resign at any time by giving written notice to the Company. Any resignation shall take effect at the date of the receipt of that notice or at any later time specified in that notice. Unless otherwise specified in the notice of resignation, the acceptance of the resignation shall not be necessary to make it effective. Any resignation is without prejudice to the rights, if any, of the Company under any contract to which the officer is a party.

**4.5 Vacancies in Offices.** Any vacancy occurring in any office of the Company shall be filled by the Board or as provided in **Section 4.3.**

**4.6 Representation of Shares of Other Entities.** Unless otherwise directed by the Board, the President or any other person authorized by the Board or the President is authorized to vote, represent and exercise on behalf of the Company all rights incident to any and all shares or other equity interests of any other corporation or entity standing in the name of the Company. The authority granted herein may be exercised either by such person directly or by any other person authorized to do so by proxy or power of attorney duly executed by such person having the authority.

**4.7 Authority and Duties of Officers.** Except as otherwise provided in these Amended and Restated Bylaws, the officers of the Company shall have such powers and duties in the management of the Company as may be designated from time to time by the Board and, to the extent not so provided, as generally pertain to their respective offices, subject to the control of the Board.

#### ARTICLE V - INDEMNIFICATION

**5.1 Indemnification of Directors and Officers in Third Party Proceedings.** Subject to the other provisions of this **Article V**, the Company shall indemnify, to the fullest extent permitted by the DGCL, as now or hereinafter in effect, 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 (a "**Proceeding**") (other than an action by or in the right of the Company) by reason of the fact that such person is or was a director or officer of the Company, or is or was a director or officer of the Company serving at the request of the Company as a director, officer, employee or agent of another corporation, partnership, joint venture, trust 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 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 Company, 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 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 Company, and, with respect to any criminal action or proceeding, had reasonable cause to believe that such person's conduct was unlawful.

**5.2 Indemnification of Directors and Officers in Actions by or in the Right of the Company.** Subject to the other provisions of this **Article V**, the Company shall indemnify, to the fullest extent permitted by the DGCL, as now or hereinafter in effect, 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 Company to procure a judgment in its favor by reason of the fact that such person is or was a director or officer of the Company, or is or was a director or officer of the Company serving at the request of the Company as a director, officer, employee or agent of another corporation, partnership, joint venture, trust 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 Company; 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 Company unless and only to the extent that the Court of Chancery 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.

**5.3 Successful Defense.** To the extent that a present or former director or officer of the Company has been successful on the merits or otherwise in defense of any action, suit or proceeding described in **Section 5.1** or **Section 5.2**, 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.

**5.4 Indemnification of Others.** Subject to the other provisions of this **Article V**, the Company shall have power to indemnify its employees and agents to the extent not prohibited by the DGCL or other applicable law. The Board shall have the power to delegate to such person or persons the determination of whether employees or agents shall be indemnified.

**5.5 Advanced Payment of Expenses.** Expenses (including attorneys' fees) incurred by an officer or director of the Company in defending any Proceeding shall be paid by the Company in advance of the final disposition of such Proceeding upon receipt of a written request therefor (together with documentation reasonably evidencing such expenses) and an undertaking by or on behalf of the person to repay such amounts if it shall ultimately be determined that the person is not entitled to be indemnified under this **Article V** or the DGCL. Such expenses (including attorneys' fees) incurred by former directors and officers or other employees and

agents may be so paid upon such terms and conditions, if any, as the Company deems appropriate.

Notwithstanding the foregoing, unless otherwise determined pursuant to **Section 5.8**, no advance shall be made by the Company to an officer of the Company (except by reason of the fact that such officer is or was a director of the Company, in which event this paragraph shall not apply) in any Proceeding if a determination is reasonably and promptly made (i) by a majority vote of the directors who are not parties to such Proceeding, even though less than a quorum, or (ii) by a committee of such directors designated by 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, that facts known to the decision-making party at the time such determination is made demonstrate clearly and convincingly that such person acted in bad faith or in a manner that such person did not believe to be in or not opposed to the best interests of the Company.

**5.6 Limitation on Indemnification.** Subject to the requirements in **Section 5.3** and the DGCL, the Company shall not be required to provide indemnification or, with respect to clauses (i), (iii) and (iv) below, advance expenses to any person pursuant to this **Article V**:

(i) in connection with any Proceeding (or part thereof) initiated by such person except (i) as otherwise required by law, (ii) in specific cases if the Proceeding was authorized by the Board, or (iii) as is required to be made under **Section 5.7**;

(ii) in connection with any Proceeding (or part thereof) against such person providing for an accounting or disgorgement of profits pursuant to the provisions of Section 16(b) of the Securities Exchange Act of 1934, as amended, or similar provisions of any federal, state or local statutory law or common law;

(iii) for amounts for which payment has actually been made to or on behalf of such person under any statute, insurance policy or indemnity provision, except with respect to any excess beyond the amount paid; or

(iv) if prohibited by applicable law.

**5.7 Determination; Claim.** If a claim for indemnification or advancement of expenses under this Article V is not paid in full within 60 days after a written claim therefor has been received by the Company, the claimant may file suit to recover the unpaid amount of such claim and, if successful in whole or in part, shall be entitled to be paid the expense of prosecuting such claim. In any such suit, the Company shall have the burden of proving that the claimant was not entitled to the requested indemnification or advancement of expenses under applicable law.

**5.8 Non-Exclusivity of Rights.** The indemnification and advancement of expenses provided by, or granted pursuant to, this **Article V** 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 or any statute, bylaw, 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. The Company is specifically authorized to enter into individual contracts with any or all of its directors, officers, employees or agents respecting indemnification and advancement of expenses, to the fullest extent not prohibited by the DGCL or other applicable law.

**5.9 Insurance.** The Company may purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the Company, or is or was serving at the request of the Company as a director, officer, employee or agent of another corporation, partnership, joint venture, trust 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 Company would have the power to indemnify such person against such liability under the provisions of the DGCL.

**5.10 Survival.** The rights to indemnification and advancement of expenses conferred by this **Article V** shall continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

**5.11 Effect of Repeal or Modification.** Any repeal or modification of this **Article V** shall not adversely affect any right or protection hereunder of any person in respect of any act or omission occurring prior to the time of such repeal or modification.

**5.12 Certain Definitions.** For purposes of this **Article V**, references to the "**Company**" 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, officers, employees or agents, so that any person who is or was a director, officer, employee or agent of such constituent corporation, or is or was serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, shall stand in the same position under the provisions of this **Article V** 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 V**, references to "**other enterprises**" shall include employee benefit plans; references to "**finances**" shall include any excise taxes assessed on a person with respect to an employee benefit plan; and references to "**servicing at the request of the Company**" shall include any service as a director, officer, employee or agent of the Company which imposes duties on, or involves services by, such director, officer, employee or agent 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 Company**" as referred to in this **Article V**.

## ARTICLE VI - STOCK

**6.1 Stock Certificates; Partly Paid Shares.** The shares of the Company shall be represented by certificates, provided that the Board may provide by resolution or resolutions that some or all of any or all classes or series of its stock shall be uncertificated shares. Any such resolution shall not apply to shares represented by a certificate until such certificate is

surrendered to the Company. Every holder of stock represented by certificates shall be entitled to have a certificate signed by, or in the name of the Company by the Chairperson of the Board or Vice-Chairperson of the Board, or the President or a Vice-President, and by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Company representing the number of shares registered in certificate form. Any or all of the signatures on the 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 has ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Company with the same effect as if such person were such officer, transfer agent or registrar at the date of issue. The Company shall not have power to issue a certificate in bearer form.

The Company may issue the whole or any part of its shares as partly paid and subject to call for the remainder of the consideration to be paid therefor. Upon the face or back of each stock certificate issued to represent any such partly paid shares, or upon the books and records of the Company in the case of uncertificated partly paid shares, the total amount of the consideration to be paid therefor and the amount paid thereon shall be stated. Upon the declaration of any dividend on fully paid shares, the Company shall declare a dividend upon partly paid shares of the same class, but only upon the basis of the percentage of the consideration actually paid thereon.

**6.2 Special Designation on Certificates.** If the Company is authorized to issue more than one class of stock or more than one series of any class, then the powers, the designations, the preferences, and the relative, participating, optional or other special rights of each class of stock or series thereof and the qualifications, limitations or restrictions of such preferences and/or rights shall be set forth in full or summarized on the face or back of the certificate that the Company shall issue to represent such class or series of stock; *provided* that, except as otherwise provided in Section 202 of the DGCL, in lieu of the foregoing requirements there may be set forth on the face or back of the certificate that the Company shall issue to represent such class or series of stock, a statement that the Company will furnish without charge to each stockholder who so requests the powers, designations, preferences and relative, participating, optional or other special rights of each class of stock or series thereof and the qualifications, limitations or restrictions of such preferences and/or rights. Within a reasonable time after the issuance or transfer of uncertificated stock, the Company shall send to the registered owner thereof a written notice containing the information required to be set forth or stated on certificates pursuant to this **section 6.2** or Sections 156, 202(a) or 218(a) of the DGCL or with respect to this **Section 6.2** a statement that the Company will furnish without charge to each stockholder who so requests the powers, designations, preferences and relative, participating, optional or other special rights of each class of stock or series thereof and the qualifications, limitations or restrictions of such preferences and/or rights. Except as otherwise expressly provided by law, the rights and obligations of the holders of uncertificated stock and the rights and obligations of the holders of certificates representing stock of the same class and series shall be identical.

**6.3 Lost Certificates.** Except as provided in this **Section 6.3**, no new certificates for shares shall be issued to replace a previously issued certificate unless the latter is surrendered to the Company and cancelled at the same time. The Company may issue a new certificate of stock or uncertificated shares in the place of any certificate theretofore issued by it, alleged to have been lost, stolen or destroyed, and the Company may require the owner of the lost, stolen or

destroyed certificate, or such owner's legal representative, to give the Company a bond sufficient to indemnify it against any claim that may be made against it on account of the alleged loss, theft or destruction of any such certificate or the issuance of such new certificate or uncertificated shares.

**6.4 Dividends.** The Board, subject to any restrictions contained in the certificate of incorporation or applicable law, may declare and pay dividends upon the shares of the Company's capital stock. Dividends may be paid in cash, in property, or in shares of the Company's capital stock, subject to the provisions of the certificate of incorporation.

The Board may set apart out of any of the funds of the Company available for dividends a reserve or reserves for any proper purpose and may abolish any such reserve.

**6.5 Stock Transfer Agreements.** The Company shall have power to enter into and perform any agreement with any number of stockholders of any one or more classes of stock of the Company to restrict the transfer of shares of stock of the Company of any one or more classes owned by such stockholders in any manner not prohibited by the DGCL.

**6.6 Registered Stockholders.** The Company:

(i) 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;

(ii) shall be entitled to hold liable for calls and assessments the person registered on its books as the owner of shares; and

(iii) shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of another person, whether or not it shall have express or other notice thereof, except as otherwise provided by the laws of Delaware.

**6.7 Transfers.** Transfers of record of shares of stock of the Company shall be made only upon its books by the holders thereof, in person or by an attorney duly authorized, and, if such stock is certificated, upon the surrender of a certificate or certificates for a like number of shares, properly endorsed or accompanied by proper evidence of succession, assignation or authority to transfer.

#### ARTICLE VII - MANNER OF GIVING NOTICE AND WAIVER

**7.1 Notice of Stockholder Meetings.** Notice of any meeting of stockholders, if mailed, is given when deposited in the United States mail, postage prepaid, directed to the stockholder at such stockholder's address as it appears on the Company's records. An affidavit of the Secretary or an Assistant Secretary of the Company or of the transfer agent or other agent of the Company that the notice has been given shall, in the absence of fraud, be *prima facie* evidence of the facts stated therein.

**7.2 Notice by Electronic Transmission.** Without limiting the manner by which notice otherwise may be given effectively to stockholders pursuant to the DGCL, the certificate of incorporation or these Amended and Restated Bylaws, any notice to stockholders given by the Company under any provision of the DGCL, the certificate of incorporation or these Amended and Restated Bylaws shall be effective if given by a form of electronic transmission 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 Company. Any such consent shall be deemed revoked if:

- (i) the Company is unable to deliver by electronic transmission two consecutive notices given by the Company in accordance with such consent; and
- (ii) such inability becomes known to the Secretary or an Assistant Secretary of the Company or to the transfer agent, or other person responsible for the giving of notice.

However, the inadvertent failure to treat such inability as a revocation shall not invalidate any meeting or other action.

Any notice given pursuant to the preceding paragraph 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.

An affidavit of the Secretary or an Assistant Secretary or of the transfer agent or other agent of the Company that the notice has been given by a form of electronic transmission shall, in the absence of fraud, be prima facie evidence of the facts stated therein.

An “*electronic transmission*” means any form of communication, not directly involving the physical transmission of paper, that creates a record that may be retained, retrieved, and reviewed by a recipient thereof, and that may be directly reproduced in paper form by such a recipient through an automated process.

Notice by a form of electronic transmission shall not apply to Sections 164, 296, 311, 312 or 324 of the DGCL.

**7.3 Notice to Stockholders Sharing an Address.** Except as otherwise prohibited under the DGCL, without limiting the manner by which notice otherwise may be given effectively to stockholders, any notice to stockholders given by the Company under the

provisions of the DGCL, the certificate of incorporation or these Amended and Restated Bylaws shall be effective if given by a single written notice to stockholders who share an address if consented to by the stockholders at that address to whom such notice is given. Any such consent shall be revocable by the stockholder by written notice to the Company. Any stockholder who fails to object in writing to the Company, within 60 days of having been given written notice by the Company of its intention to send the single notice, shall be deemed to have consented to receiving such single written notice.

**7.4 Notice to Person with Whom Communication is Unlawful.** Whenever notice is required to be given, under the DGCL, the certificate of incorporation or these Amended and Restated Bylaws, to any person with whom communication is unlawful, the giving of such notice to such person shall not be required and there shall be no duty to apply to any governmental authority or agency for a license or permit to give such notice to such person. Any action or meeting which shall be taken or held without notice to any such person with whom communication is unlawful shall have the same force and effect as if such notice had been duly given. In the event that the action taken by the Company is such as to require the filing of a certificate under the DGCL, the certificate shall state, if such is the fact and if notice is required, that notice was given to all persons entitled to receive notice except such persons with whom communication is unlawful.

**7.5 Waiver of Notice.** Whenever notice is required to be given under any provision of the DGCL, the certificate of incorporation or these Amended and Restated Bylaws, a written waiver, signed by the person entitled to notice, or a waiver by electronic transmission by the person entitled to notice, whether before or after the time of the event for which notice is to be given, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a 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 regular or special meeting of the stockholders need be specified in any written waiver of notice or any waiver by electronic transmission unless so required by the certificate of incorporation or these Amended and Restated Bylaws.

#### ARTICLE VIII - GENERAL MATTERS

**8.1 Fiscal Year.** The fiscal year of the Company shall be fixed by resolution of the Board and may be changed by the Board.

**8.2 Seal.** The Company may adopt a corporate seal, which shall be in such form as may be approved from time to time by the Board. The Company may use the corporate seal by causing it or a facsimile thereof to be impressed or affixed or in any other manner reproduced.

**8.3 Annual Report.** The Company shall cause an annual report to be sent to the stockholders of the Company to the extent required by applicable law. If and so long as there are fewer than 100 holders of record of the Company's shares, the requirement of sending an annual report to the stockholders of the Company is expressly waived (to the extent permitted under applicable law).

**8.4 Construction; Definitions.** Unless the context requires otherwise, the general provisions, rules of construction, and definitions in the DGCL shall govern the construction of these Amended and Restated Bylaws. Without limiting the generality of this provision, the singular number includes the plural, the plural number includes the singular, and the term “*person*” includes both a corporation and a natural person.

#### **ARTICLE IX - AMENDMENTS**

These Amended and Restated Bylaws may be adopted, amended or repealed by the stockholders entitled to vote. However, the Company may, in its certificate of incorporation, confer the power to adopt, amend or repeal bylaws upon the directors. The fact that such power has been so conferred upon the directors shall not divest the stockholders of the power, nor limit their power to adopt, amend or repeal bylaws.

A bylaw amendment adopted by stockholders which specifies the votes that shall be necessary for the election of directors shall not be further amended or repealed by the Board.

**CERTIFICATE OF ADOPTION OF AMENDED AND RESTATED BYLAWS  
OF  
PNMAC HOLDINGS, INC.**

The undersigned certifies that he is the duly elected, qualified and acting Secretary of **PNMAC Holdings, Inc.**, a Delaware corporation (the "**Company**"), and that the foregoing Amended and Restated Bylaws were adopted as the Amended and Restated Bylaws of the Company on November 1, 2018 by the Company.

The undersigned has executed this certificate as of November 1, 2018.

/s/ Derek W. Stark

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Derek W. Stark, Secretary

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