

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(b) OR  
12(g)  
OF THE SECURITIES EXCHANGE ACT OF 1934

IMPAC MORTGAGE HOLDINGS, INC.  
(NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

MARYLAND  
(STATE OR OTHER JURISDICTION OF EMPLOYER  
INCORPORATION OR ORGANIZATION)

33-0675505  
(I.R.S. EMPLOYER  
IDENTIFICATION NUMBER)

20371 IRVINE AVENUE, SANTA ANA HEIGHTS, CALIFORNIA  
(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES)

92707  
(ZIP CODE)

ISSUER'S TELEPHONE NUMBER: (714) 556-0122

If this form relates to the registration of a class of securities pursuant to  
Section 12(b) of the Exchange Act and is effective pursuant to General  
Instruction A.(c), check the following box. []

If this form relates to the registration of a class of securities pursuant to  
Section 12(g) of the Exchange Act and is effective pursuant to General  
Instruction A.(d), check the following box. []

Securities to be Registered Pursuant to Section 12(b) of the Act:

Title of Each Class to be so Registered -----	Name of Each Exchange on Which Each Class is to be Registered -----
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Preferred Share Purchase Rights

American Stock Exchange

Item 1. Description of Registrant's Securities to be Registered.

On October 7, 1998, the Board of Directors of Impac Mortgage Holdings, Inc. (the "Corporation") declared a dividend distribution of one preferred share purchase right (a "Right") for each outstanding share of Common Stock, \$.01 par value per share (the "Common Stock"), of the Corporation. The dividend is payable to stockholders of record on October 19, 1998 (the "Record Date"), and with respect to Common Stock issued thereafter until the Distribution Date (as defined below) and, in certain circumstances, with respect to Common Stock issued after the Distribution Date. Except as set forth below, each Right, when it becomes exercisable, entitles the registered holder to purchase from the Corporation one one-hundredth of a share of Series A Junior Participating Preferred Stock, \$.01 par value per share (the "Preferred Shares"), of the Corporation at a price of \$30.00 per one one-hundredth of a Preferred Share (the "Purchase Price"), subject to adjustment. The description and terms of the Rights are set forth in a Rights Agreement (the "Rights Agreement") between the Corporation and BankBoston, N.A., as Rights Agent (the "Rights Agent") dated as of October 7, 1998.

Initially, the Rights will be attached to all certificates representing Common Stock then outstanding, and no separate Right Certificates will be distributed. The Rights will separate from the Common Stock upon the earliest to occur of (i) ten (10) days after a person or group of affiliated or associated persons has acquired beneficial ownership of 10% or more of the Corporation's outstanding Common Stock (except pursuant to a Permitted Offer, as hereinafter defined); or (ii) ten (10) Business Days (as defined in the Rights Agreement) (or such later date as the Board may determine) following the commencement of, or announcement of an intention to make, a tender offer or exchange offer the consummation of which would result in a person or group becoming an Acquiring Person (as hereinafter defined) (the earliest of such dates being called the "Distribution Date"). A person or group whose acquisition of Common Stock causes a Distribution Date pursuant to clause (i) above is an "Acquiring Person." The date that a person or group becomes an Acquiring Person is the "Shares Acquisition Date."

The Rights Agreement provides that, until the Distribution Date, the Rights will be transferred solely with the Common Stock. Until the Distribution Date (or earlier redemption or expiration of the Rights), new Common Stock certificates issued after the Record Date upon transfer or new issuances of Common Stock will contain a notation incorporating the Rights Agreement by reference. Until the Distribution Date (or earlier redemption or expiration of the Rights), the surrender for transfer of any certificates for Common Stock outstanding as of the Record Date, even if such notation or a copy of the Summary of Rights is not attached thereto, will also constitute the transfer of the Rights associated with the Common Stock represented by such certificate.

As soon as practicable following the Distribution Date, separate certificates evidencing the Rights ("Right Certificates") will be mailed to holders of record of the Common Stock as of

the close of business on the Distribution Date (and to each initial record holder of certain Common Stock issued after the Distribution Date), and such separate Right Certificates alone will evidence the Rights.

The Rights are not exercisable until the Distribution Date and will expire at the close of business on October 19, 2008, unless earlier redeemed by the Corporation as described below.

If any person becomes an Acquiring Person (except pursuant to a tender or exchange offer which is for all outstanding Common Stock at a price and on terms which a majority of members of the Board of Directors (who are not also officers of the Corporation or an Acquiring Person or affiliate or associate thereof) determines to be adequate and in the best interests of the Corporation and its stockholders, other than such Acquiring Person, its affiliates and associates (a "Permitted Offer")), each holder of a Right will thereafter have the right (the "Flip-In Right") to receive upon exercise the number of shares of Common Stock (or, in certain circumstances, one one-hundredths of a share of Preferred Shares or other securities of the Corporation) having a market value (immediately before such triggering event) equal to two times the exercise price of the Right. At such time, all Rights that are beneficially owned by the Acquiring Person or any affiliate, associate or transferee thereof will be null and void.

If at any time following the Shares Acquisition Date, (i) the Corporation is acquired in a merger or other business combination transaction in which the holders of all of the outstanding Common Shares immediately before the consummation of the transaction are not the holders of all of the surviving corporation's voting power, or (ii) more than 50% of the Corporation's assets or earning power are sold or transferred, in either case with or to an Acquiring Person or any affiliate or associate or any other person in which such Acquiring Person, affiliate or associate has an interest or any person acting on behalf of or in concert with such Acquiring Person, affiliate or associate, or, if in such transaction all holders of Common Stock are not treated alike, then each holder of a Right (except Rights which previously have been voided as set forth above) shall thereafter have the right (the "Flip-Over Right") to receive, upon exercise, common shares of the acquiring company having a value equal to two times the exercise price of the Right. The holder of a Right will continue to have the Flip-Over Right only to the extent that the Flip-In Right has not previously been exercised.

The Purchase Price payable and the number of Preferred Shares, shares of Common Stock or other securities issuable upon exercise of the Rights are subject to adjustment from time to time to prevent dilution (i) in the event of a stock dividend on, or a subdivision, combination or reclassification of the Preferred Shares, (ii) upon the grant to holders of the Preferred Shares of certain rights or warrants to subscribe for or purchase Preferred Shares at a price (or conversion price as the case may be), less than the then current market price of the Preferred Shares or (iii) upon the distribution to holders of the Preferred Shares of evidences of indebtedness or assets (excluding regular quarterly cash dividends) or of subscription rights or warrants (other than those referred to above).

The number of outstanding Rights and the number of one one-hundredth of a Preferred Share issuable upon exercise of each Right are also subject to adjustment in the event of a stock split of the Common Stock or a stock dividend on the Common Stock payable in Common Stock or subdivisions, consolidations or combinations of the Common Stock occurring, in any such case, before the Distribution Date.

Preferred Shares purchasable upon exercise of the Rights will not be redeemable. Each Preferred Share will be entitled to a minimum preferential quarterly dividend payment of \$1.00 per share but, if greater, will be entitled to an aggregate dividend per share of 100 times the dividend declared per share of Common Stock. In the event of liquidation, the holders of the Preferred Shares will be entitled to a minimum preferential liquidation payment of \$100 per share, plus accrued and unpaid dividends; thereafter, and after the holders of the Common Stock receive a liquidation payment of \$1.00 per share (as adjusted), the holders of the Preferred Shares and the holders of the Common Stock will share the remaining assets in the ratio of 100 to 1 (as adjusted) for each Preferred Share and share of Common Stock so held, respectively. Finally, in the event of any merger, consolidation or other transaction in which Common Stock is exchanged, each Preferred Share will be entitled to receive 100 times the amount received per share of Common Stock. The rights are protected by customary antidilution provisions. In the event that the amount of accrued and unpaid dividends on the Preferred Shares is equivalent to six full quarterly dividends or more (whether or not consecutive), the holders of the Preferred Shares shall have the right, voting as a class, to elect two directors until all cumulative dividends on the Preferred Shares have been paid through the last quarterly dividend payment date or until non-cumulative dividends have been paid regularly for at least one year.

With certain exceptions, no adjustment to the Purchase Price will be required until cumulative adjustments require an adjustment of at least 1% in such Purchase Price. No fractional Preferred Shares will be issued (other than fractions which are one one-hundredth or integral multiples of one one-hundredth of a Preferred Share, which may, at the election of the Corporation, be evidenced by depository receipts) and in lieu thereof, a payment in cash will be made based on the market price of the Preferred Shares on the last Trading Day (as defined in the Rights Agreement) before the date of exercise.

At any time before the earlier to occur of (i) a person becoming an Acquiring Person, (ii) the expiration of the Rights, or (iii) in certain circumstances, after the Shares Acquisition Date, the Corporation may redeem all but not less than all of the Rights at a price of \$.0001 per Right (the "Redemption Price") which redemption shall be effective upon the action of the Board of Directors.

All of the provisions of the Rights Agreement may be amended by the Board of Directors of the Corporation before the Distribution Date. After the Distribution Date, the provisions of the Rights Agreement may be amended by the Board in order to cure any ambiguity, defect or

inconsistency, to make changes which do not adversely affect the interests of holders of Rights (excluding the interests of any Acquiring Person), or, subject to certain limitations, to shorten or lengthen any time period under the Rights Agreement.

A copy of the Rights Agreement has been filed with the Securities and Exchange Commission as an Exhibit to a Registration Statement on Form 8-A, dated October 13, 1998. A copy of the Rights Agreement is available free of charge from the Corporation. This summary description of the Rights does not purport to be complete and is qualified in its entirety by reference to the Rights Agreement, which is hereby incorporated herein by reference.

The Rights Agreement is attached hereto as an exhibit and incorporated herein by reference. The foregoing description of the Rights is qualified by reference to such exhibit.

Item 2. Exhibits.

- 3.1 Charter of the Registrant (incorporated by reference to the corresponding exhibit number to the Registrant's Registration Statement on Form S-11, as amended (File No. 33-96670), filed with the Securities and Exchange Commission on September 7, 1995).
- 3.1(a) Articles of Amendment (Incorporated by reference to Current Report on Form 8-K, as amended, dated January 28, 1998).
- 4.2 Rights Agreement, dated October 7, 1998 between the Registrant and BankBoston, N.A.

SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned hereunto duly authorized.

Date: October 13, 1998

IMPAC MORTGAGE HOLDINGS, INC.

BY: /s/ Richard Johnson

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Richard Johnson  
Executive Vice President and  
Chief Financial Officer

RIGHTS AGREEMENT

DATED AS OF OCTOBER 7, 1998

BETWEEN

IMPAC MORTGAGE HOLDINGS, INC.

AND

BANKBOSTON, N.A.

AS RIGHTS AGENT

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## RIGHTS AGREEMENT

RIGHTS AGREEMENT, dated as of October 7, 1998 (the "Agreement"), between IMPAC MORTGAGE HOLDINGS, INC., a Maryland corporation (the "Corporation"), and BANKBOSTON, N.A. (the "Rights Agent").

The Board of Directors of the Corporation has authorized and declared a dividend of one preferred stock purchase right (a "Right") for each Common Share (as defined herein) of the Corporation outstanding at the Close of Business (as defined herein) on October 19, 1998 (the "Record Date"), each Right representing the right to purchase one one-hundredth of a Preferred Share (as defined herein), upon the terms and subject to the conditions herein set forth, and has further authorized and directed the issuance of one Right with respect to each Common Share that shall become outstanding between the Record Date and the earliest of the Distribution Date, the Redemption Date or the Final Expiration Date (as such terms are defined herein); provided, however, that Rights may be issued with respect to Common Shares that shall become outstanding after the Distribution Date and before the earlier of the Redemption Date and the Final Expiration Date in accordance with the provisions of Section 22 of this Agreement.

Accordingly, in consideration of the premises and the mutual agreements herein set forth, the parties hereby agree as follows:

Section 1. Certain Definitions. For purposes of this Agreement, the following terms have the meanings indicated:

(a) "Acquiring Person" shall mean any Person (as defined herein) who or which, together with all Affiliates and Associates (as defined herein) of such Person, shall be the Beneficial Owner (as defined herein) of 10% or more of the then outstanding Common Shares (other than as a result of a Permitted Offer (as defined herein)) or was such a Beneficial Owner at any time after the date hereof, whether or not such person continues to be the Beneficial Owner of 10% or more of the then outstanding Common Shares. Notwithstanding the foregoing, (A) the term "Acquiring Person" shall not include (i) the Corporation, (ii) any Subsidiary of the Corporation, (iii) any employee benefit plan of the Corporation or of any Subsidiary of the Corporation, (iv) any Person organized, appointed or established by the Corporation for or pursuant to the terms of any such plan, or (v) any Person, who or which together with all Affiliates and Associates of such Person, becomes the Beneficial Owner of 10% or more of the then outstanding Common Shares as a result of the acquisition of Common Shares directly from the Corporation, and (B) no Person shall be deemed to be an "Acquiring Person" either (X) as a result of the acquisition of Common Shares by the Corporation which, by reducing the number of Common Shares outstanding, increases the proportional number of shares beneficially owned by such Person, together with all Affiliates and Associates of such Person; except that if (i) a Person would become an Acquiring Person (but for the operation of this subclause (X) as a result of the acquisition of Common Shares by the Corporation, and (ii) after such share acquisition by the Corporation, such Person, or an Affiliate or Associate of such Person, becomes the Beneficial Owner of any additional Common Shares, then such Person shall be deemed an Acquiring Person, or (Y) if the Board of Directors of the Corporation determines in good faith that a Person who would otherwise be an "Acquiring Person," as defined pursuant to the foregoing provisions of this Section 1(a), has become such, and such Person divests as promptly as practicable a sufficient number of Common Shares so that such Person would no longer be an Acquiring Person, as defined pursuant to the foregoing provisions of this Section 1(a).

(b) "Act" shall mean the Securities Act of 1933, as amended and as in effect on the date of this Agreement.

(c) "Affiliate" and "Associate" shall have the respective meanings ascribed to such terms in Rule 12b-2 of the General Rules and Regulations under the Securities Exchange Act of 1934, as amended and in effect on the date of this Agreement (the "Exchange Act").

(d) A Person shall be deemed the "Beneficial Owner" of and shall be deemed to "beneficially own" any securities:

(i) of which such Person or any of such Person's Affiliates or Associates directly or indirectly, has "beneficial ownership" as determined in accordance with Rule 13d-3 of the General Rules and Regulations under the Exchange Act;

(ii) which such Person or any of such Person's Affiliates or Associates has (A) the right to acquire (whether such right is exercisable immediately or after the passage of time) pursuant to any agreement, arrangement or understanding, or upon the exercise of conversion rights, exchange rights, rights (other than the Rights), warrants or options, or otherwise; provided, however, that a Person shall not be deemed the Beneficial Owner of, or to beneficially own, securities tendered pursuant to a tender or exchange offer made by or on behalf of such Person or any of such Person's Affiliates or Associates until such tendered securities are accepted for purchase or exchange; or (B) the right to vote or dispose of pursuant to any agreement, arrangement or understanding; provided, however, that a Person shall not be deemed the Beneficial Owner of, or to beneficially own, any security if the agreement, arrangement or understanding to vote such security (1) arises solely from a revocable proxy or consent given to such Person in response to a public proxy or consent solicitation made pursuant to, and in accordance with, the applicable rules and regulations promulgated under the Exchange Act and (2) is not also then reportable on Schedule 13D or Schedule 13G under the Exchange Act (or any comparable or successor report); or

(iii) which are beneficially owned, directly or indirectly, by any other Person (or any Affiliate or Associate thereof) with which such Person (or any of such Person's Affiliates or Associates) has any agreement, arrangement or understanding (other than customary agreements with and between underwriters and selling group members with respect to a bona fide public offering of securities) relating to the acquisition, holding, voting (except to the extent contemplated by the proviso to Section 1(d)(ii)(B)) or disposing of any securities of the Corporation.

Notwithstanding anything in this definition of Beneficial Ownership to the contrary, the phrase "then outstanding," when used herein with reference to a Person's Beneficial Ownership of securities of the Corporation, shall mean the number of such securities then issued and outstanding together with the number of such securities not then actually issued and outstanding which such Person would be deemed to own beneficially hereunder.

(e) "Business Day" shall mean any day other than a Saturday, Sunday or a day on which banking institutions in the Commonwealth of Massachusetts are authorized or obligated by law or executive order to close.

(f) "Close of Business" on any given date shall mean 5:00 P.M., Eastern time, on such date; provided, however, that if such date is not a Business Day it shall mean 5:00 P.M., Eastern time, on the next succeeding Business Day.

(g) "Common Shares" when used with reference to the Corporation shall mean the shares of Common Stock, \$.01 par value per share, of the Corporation or, in the event of a subdivision, combination or consolidation with respect to such shares of Common Stock, the shares of Common Stock resulting from such subdivision, combination or consolidation. "Common Shares" when used with reference to any Person other than the Corporation shall mean the capital stock (or equity interest) with the greatest voting power of such other Person or, if such other Person is a Subsidiary of another Person, the Person or Persons which ultimately control such first-mentioned Person.

(h) "Continuing Director" shall mean (i) any member of the Board of Directors of the Corporation while such Person is a member the Board of Directors, who is not an Acquiring Person or an Affiliate or Associate of an Acquiring Person, or a representative of an Acquiring Person or of any such Affiliate or Associate and was a member of the Board prior to the date of this Agreement or (ii) any Person who subsequently becomes a member of the Board of Directors, while such Person is a member of the Board of Directors who is not an Acquiring Person or

an Affiliate or Associate of an Acquiring Person, or a representative of an Acquiring Person or of any such Affiliate or Associate if such Person's nomination for election or election to the Board of Directors is recommended or approved by a majority of the Continuing Directors.

(i) "Distribution Date" shall have the meaning set forth in Section 3(a) hereof.

(j) "Final Expiration Date" shall have the meaning set forth in Section 7(a) hereof.

(k) "Interested Stockholder" shall mean any Acquiring Person, or any Affiliate or Associate of an Acquiring Person, or any other Person in which any such Acquiring Person, Affiliate or Associate has an interest, or any other Person acting directly or indirectly on behalf of or in concert with any such Acquiring Person, Affiliate or Associate.

(l) "Permitted Offer" shall mean a tender or exchange offer which is for all outstanding Common Shares at a price and on terms determined, before the purchase of shares under such tender or exchange offer, by at least a majority of the members of the Board of Directors who are not officers of the Corporation and who are not Acquiring Persons or Affiliates, Associates, nominees or representatives of an Acquiring Person, to be adequate (taking into account all factors that such members of the Board of Directors deem relevant including, without limitation, prices that could reasonably be achieved if the Corporation or its assets were sold on an orderly basis designed to realize maximum value) and otherwise in the best interests of the Corporation and its stockholders (other than the Person or any Affiliate or Associate thereof on whose basis the offer is being made) taking into account all factors that such directors may deem relevant.

(m) "Person" shall mean any individual, firm, partnership, corporation, trust, association, joint venture or other entity, and shall include any successor (by merger or otherwise) of such entity.

(n) "Preferred Shares" shall mean shares of Series A Junior Participating Preferred Stock, \$0.01 par value per share, of the Corporation having the relative rights, preferences and limitations set forth in the Form of Certificate of Designation attached to this Agreement as Exhibit A.

(o) "Redemption Date" shall have the meaning set forth in Section 7 hereof.

(p) "Section 11(a)(ii) Event" shall mean any event described in Section 11(a)(ii) hereof.

(q) "Section 13 Event" shall mean any event described in clause (x), (y) or (z) of Section 13(a) hereof.

(r) "Shares Acquisition Date" shall mean the first date of public announcement (which, for purposes of this definition, shall include, without limitation, a report filed pursuant to the Exchange Act) by the Corporation or an Acquiring Person that an Acquiring Person has become such; provided, that, if such Person is determined not to have become an Acquiring Person pursuant to Section 1(a) hereof, then no Shares Acquisition Date shall be deemed to have occurred.

(s) "Subsidiary" of any Person shall mean any corporation or other Person of which a majority of the voting power of the voting equity securities or equity interest is owned, directly or indirectly, by such Person.

(t) "Transaction" shall mean any merger, consolidation or sale of assets described in Section 13(a) hereof or any acquisition of Common Shares of the corporation which would result in a Person becoming a Transaction Person.

(u) "Transaction Person" with respect to a Transaction shall mean (x) any Person who (i) is or will become an Acquiring Person if the Transaction were to be consummated, and (ii) directly or indirectly proposed or nominated a director of the Corporation which director is in office at the time of consideration of the Transaction, or (y) an Affiliate or Associate of such a Person.

(v) "Triggering Event" shall mean any Section 11(a)(ii) Event or any Section 13 Event.

Section 2. Appointment of Rights Agent. The Corporation hereby appoints the Rights Agent to act as agent for the Corporation and the holders of the Rights (who, in accordance with Section 3 hereof, shall before the Distribution Date also be the holders of Common Shares) in accordance with the terms and conditions hereof, and the Rights Agent hereby accepts such appointment. The Corporation may from time to time appoint such co-Rights Agents as it may deem necessary or desirable, upon ten (10) days' prior written notice to the Rights Agent. The Rights Agent shall have no duty to supervise, and shall in no event be liable for, the acts or omissions of any such co-Rights Agent.

### Section 3. Issuance of Right Certificates.

(a) Until the earlier of (i) the tenth day after the Shares Acquisition Date or (ii) the Close of Business on the tenth Business Day (or such later date as may be determined by action of the Corporation's Board of Directors) after the date on which any Person (other than the Corporation, any Subsidiary of the Corporation, any employee benefit plan of the Corporation or of any Subsidiary of the Corporation or any Person or entity organized, appointed or established by the Corporation for or pursuant to the terms of any such plan) commences or first publicly announces the intent to commence (which intention to commence remains in effect for five Business Days after such announcement), a tender or exchange offer the consummation of which would result in any Person becoming an Acquiring Person (including, in the case of both (i) and (ii), any such date which is after the date of this Agreement and before the issuance of the Rights), the earlier of such dates being herein referred to as the "Distribution Date," (x) the Rights will be evidenced by (subject to the provisions of Section 3(b) hereof) the certificates for Common Shares registered in the names of the holders thereof (which certificates shall also be deemed to be Right Certificates (as defined herein)) and not by separate Right Certificates, and (y) the right to receive Right Certificates will be transferable only in connection with the transfer of the underlying Common Shares (including a transfer to the Corporation); provided, however, that if a tender offer is terminated before a Distribution Date occurs, then no Distribution Date shall occur as a result of such tender offer. As soon as practicable after the Distribution Date, the Corporation will prepare and execute, the Rights Agent will countersign, and the Corporation will send or cause to be sent by first-class, postage-prepaid mail, to each record holder of Common Shares as of the Close of Business on the Distribution Date, at the address of such holder shown on the records of the Corporation, a Right Certificate, substantially in the form of Exhibit B hereto (a "Right Certificate"), evidencing one Right for each Common Share so held. As of and after the Distribution Date, the Rights will be evidenced solely by such Right Certificates.

(b) As soon as practicable following the Record Date, the Corporation will send a copy of a Summary of Rights to Purchase Preferred Shares, in substantially the form of Exhibit C hereto (the "Summary of Rights"), by first-class, postage-prepaid mail, to each record holder of Common Shares as of the Close of Business on the Record Date, at the address of such holder shown on the records of the Corporation. With respect to certificates for Common Shares outstanding as of the Record Date, until the Distribution Date, the Rights will be evidenced by such certificates registered in the names of the holders thereof together with a copy of the Summary of Rights attached thereto. Until the Distribution Date (or the earlier of the Redemption Date or the Final Expiration Date), the surrender for transfer of any certificate for Common Shares outstanding on the Record Date, with or without a copy of the Summary of Rights attached thereto, shall also constitute the transfer of the Rights associated with such Common Shares.

(c) Certificates for Common Shares, which become outstanding (including, without limitation, reacquired Common Shares referred to in the last sentence of this paragraph (c)) after the Record Date but before

the earliest of the Distribution Date, the Redemption Date or the Final Expiration Date, shall be deemed also to be certificates for Rights and shall bear the following legend:

This certificate also evidences and entitles the holder hereof to certain rights as set forth in a Rights Agreement between Impac Mortgage Holdings, Inc. and BankBoston, N.A., dated as of October 7, 1998 (the "Rights Agreement"), the terms of which are hereby incorporated herein by reference and a copy of which is on file at the principal executive offices of Impac Mortgage Holdings, Inc. Under certain circumstances, as set forth in the Rights Agreement, such Rights will be evidenced by separate certificates and will no longer be evidenced by this certificate. Impac Mortgage Holdings, Inc. will mail to the holder of this certificate a copy of the Rights Agreement without charge after receipt of a written request therefor. Under certain circumstances set forth in the Rights Agreement, Rights issued to, or held by, any Person who is, was or becomes an Acquiring Person or an Affiliate or Associate thereof (as defined in the Rights Agreement) and certain related persons, whether currently held by or on behalf of such Person or by any subsequent holder, may become null and void. With respect to such certificates containing the foregoing legend, until the Distribution Date, the Rights associated with the Common Shares represented by such certificates shall be evidenced by such certificates alone, and the surrender for transfer of any such certificate shall also constitute the transfer of the Rights associated with the Common Shares represented thereby. In the event that the Corporation purchases or acquires any Common Shares after the Record Date but before the Distribution Date, any Rights associated with such Common Shares shall be deemed canceled and retired so that the Corporation shall not be entitled to exercise any Rights associated with the Common Shares that are no longer outstanding.

#### Section 4. Form of Right Certificate.

(a) The Right Certificates (and the forms of election to purchase and of assignment to be printed on the reverse thereof) shall be substantially in the form set forth in Exhibit B hereto and may have such marks of identification or designation and such legends, summaries or endorsements printed thereon as the Corporation may deem appropriate and as are consistent with the provisions of this Agreement, or as may be required to comply with any applicable law or with any rule or regulation made pursuant thereto or with any rule or regulation of any stock exchange on which the Rights may from time to time be listed, or to conform to usage. Subject to the provisions of Section 11 and Section 22 hereof, the Right Certificates shall entitle the holders thereof to purchase such number of one one-hundredths of a Preferred Share as shall be set forth therein at the price per one one-hundredth of a Preferred Share set forth therein (the "Purchase Price"), but the amount and type of securities purchasable upon the exercise of each Right and the Purchase Price thereof shall be subject to adjustment as provided herein.

(b) Any Right Certificate issued pursuant to Section 3(a) or Section 22 hereof that represents Rights which are null and void pursuant to Section 7(e) of this Agreement and any Right Certificate issued pursuant to Section 6 or Section 11 hereof upon transfer, exchange, replacement or adjustment of any other Right Certificate referred to in this sentence, shall contain (to the extent feasible) the following legend:

The Rights represented by this Right Certificate are or were beneficially owned by a Person who was or became an Acquiring Person or an Affiliate or Associate of an Acquiring Person (as such terms are defined in the Rights Agreement). Accordingly, this Right Certificate and the Rights represented hereby are null and void.

The provisions of Section 7(e) of this Agreement shall be operative whether or not the foregoing legend is contained on any such Right Certificate.

Section 5. Countersignature and Registration. The Right Certificates shall be executed on behalf of the Corporation by its Chairman of the Board, its Chief Executive Officer, its President, any of its Vice Presidents, or its



Treasurer, either manually or by facsimile signature, shall have affixed thereto the Corporation's seal or a facsimile thereof, and shall be attested by the Secretary or an Assistant Secretary of the Corporation, either manually or by facsimile signature. The Right Certificates shall be countersigned by the Rights Agent and shall not be valid for any purpose unless so countersigned. In the event that any officer of the Corporation who signs any of the Right Certificates ceases to be such officer of the Corporation before such countersignature by the Rights Agent and issuance and delivery by the Corporation, such Right Certificates may nevertheless be countersigned by the Rights Agent and issued and delivered by the Corporation with the same force and effect as though the person who signed such Right Certificates had not ceased to be such officer of the Corporation; and any Right Certificate may be signed on behalf of the Corporation by any person who, at the actual date of the execution of such Right Certificate, shall be a proper officer of the Corporation to sign such Right Certificate, although at the date of the execution of this Agreement any such person was not such an officer.

Following the Distribution Date, the Rights Agent will keep or cause to be kept, at its principal office or offices designated as the appropriate place for surrender or transfer of such Right Certificate, books for registration and transfer of the Right Certificates issued hereunder. Such books shall show the names and addresses of the respective holders of the Right Certificates, the number of Rights evidenced on its face by each of the Right Certificates and the certificate number and the date of each of the Right Certificates.

Section 6. Transfer, Split-Up, Combination and Exchange of Right Certificates; Mutilated, Destroyed, Lost or Stolen Right Certificate. Subject to the provisions of Section 4(b), Section 7(e) and Section 14 hereof, at any time after the Close of Business on the Distribution Date, and at or before the Close of Business on the earlier of the Redemption Date or the Final Expiration Date, any Right Certificate or Right Certificates may be transferred, split up, combined or exchanged for another Right Certificate or Right Certificates, entitling the registered holder to purchase a like number of one one-hundredths of a Preferred Share (or, following a Triggering Event, other securities, as the case may be) as the Right Certificate or Right Certificates surrendered then entitle such holder (or former holder in the case of a transfer) to purchase. Any registered holder desiring to transfer, split up, combine or exchange any Right Certificate or Right Certificates shall make such request in writing delivered to the Rights Agent and shall surrender the Right Certificate or Right Certificates to be transferred, split up, combined or exchanged at the principal office or offices of the Rights Agent designated for such purpose. Neither the Rights Agent nor the Corporation shall be obligated to take any action whatsoever with respect to the transfer of any such surrendered Right Certificate until the registered holder has completed and signed the certificate contained in the form of assignment on the reverse side of such Right Certificate and shall have provided such additional evidence of the identity of the Beneficial Owner (or former Beneficial Owner), or Affiliates or Associates thereof, as the Corporation shall reasonably request. Subject to Section 4(b), Section 7(e) and Section 14 hereof, the Rights Agent shall thereupon countersign and deliver to the Person entitled thereto a Right Certificate or Right Certificates, as the case may be, as so requested. The Corporation may require payment of a sum sufficient to cover any tax or governmental charge that may be imposed in connection with any transfer, split up, combination or exchange of Right Certificates.

Upon receipt by the Corporation and the Rights Agent of evidence reasonably satisfactory to them of the loss, theft, destruction or mutilation of a Right Certificate, and, in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to them, and, at the Corporation's request, reimbursement to the Corporation and the Rights Agent of all reasonable expenses incidental thereto, and upon surrender to the Rights Agent and cancellation of the Right Certificate if mutilated, the Corporation will make and deliver a new Right Certificate of like tenor to the Rights Agent for countersignature and delivery to the registered holder in lieu of the Right Certificate so lost, stolen, destroyed or mutilated.

Section 7. Exercise of Rights; Purchase Price; Expiration Date of Rights.

(a) Subject to Section 7(e) hereof, the registered holder of any Right Certificate may exercise the Rights evidenced thereby (except as otherwise provided herein) in whole or in part at any time after the Distribution Date upon surrender of the Right Certificate, with the form of election to purchase and the certificate on the reverse

side thereof duly executed, to the Rights Agent at the principal office or offices of the Rights Agent designated for such purpose, together with payment of the aggregate Purchase Price for the total number of one one-hundredths of a Preferred Share (or other securities, as the case may be) as to which such surrendered Rights are exercised, at or before the earliest of (i) the Close of Business on October 19, 2008 (the "Final Expiration Date"), (ii) the date on which the Rights are redeemed as provided in Section 23 hereof (the "Redemption Date"), or (iii) the date on which the Rights are exchanged pursuant to Section 24 hereof.

(b) The Purchase Price for each one one-hundredth of a Preferred Share pursuant to the exercise of a Right shall initially be \$30.00 subject to adjustment from time to time as provided in the next sentence and in Sections 11 and 13(a) hereof, and shall be payable in accordance with paragraph (c) below. Notwithstanding anything in this Agreement to the contrary, in the event that at any time after the date of this Agreement and before the Distribution Date, the Corporation shall (i) declare or pay any dividend on the Common Shares payable in Common Shares or (ii) effect a subdivision, combination or consolidation of the Common Shares (by reclassification or otherwise than by payment of dividends in Common Shares) into a greater or lesser number of Common Shares, then in any such case, each Common Share outstanding following such subdivision, combination or consolidation shall continue to have a Right associated therewith, and the Purchase Price following any such event shall be proportionately adjusted to equal the result obtained by multiplying the Purchase Price immediately before such event by a fraction the numerator of which shall be the total number of Common Shares outstanding immediately before the event occurs and the denominator of which shall be the total number of Common Shares outstanding immediately after such event occurs. The adjustment provided for in the preceding sentence shall be made successively whenever such a dividend is declared or paid or such a subdivision, combination or consolidation is effected.

(c) Upon receiving a Right Certificate representing exercisable Rights, with the form of election to purchase and the certificate duly executed, accompanied by payment of the Purchase Price for the Preferred Shares (or other securities, as the case may be) to be purchased, and an amount equal to any applicable transfer tax required to be paid by the holder of such Right Certificate in accordance with Section 6 hereof, by certified check, cashier's check or money order payable to the order of the Corporation, the Rights Agent shall thereupon promptly (i)(A) requisition from any transfer agent of the Preferred Shares certificates for the number of Preferred Shares to be purchased, and the Corporation hereby irrevocably authorizes its transfer agent to comply with all such requests, or (B) if the Corporation, in its sole discretion, shall have elected to deposit the Preferred Shares issuable upon exercise of the Rights hereunder into a depository, requisition from the depository agent depository receipts representing such number of one one-hundredths of a Preferred Share as are to be purchased (in which case certificates for the Preferred Shares represented by such receipts shall be deposited by the transfer agent with the depository agent), and the Corporation will direct the depository agent to comply with such requests, (ii) when appropriate, requisition from the Corporation the amount of cash to be paid in lieu of issuance of fractional shares, in accordance with Section 14 hereof, and (iii) after receipt of such certificates or depository receipts, cause the same, together with any cash to be paid in lieu of fractional shares, to be delivered to, or upon the order of the registered holder of such Right Certificate, registered in such name or names as may be designated by, such holder. In the event that the Corporation is obligated to issue other securities (including Common Shares) of the Corporation pursuant to Section 11(a) hereof, the Corporation will make all arrangements necessary so that such other securities are available for distribution by the Rights Agent, if and when appropriate.

In addition, in the case of an exercise of the Rights by a holder pursuant to Section 11(a)(ii) hereof, the Rights Agent shall return such Right Certificate to the registered holder thereof after imprinting, stamping or otherwise indicating thereon that the rights represented by such Right Certificate no longer include the rights provided by Section 11(a)(ii) of the Rights Agreement, and if less than all the Rights represented by such Right Certificate were so exercised, the Rights Agent shall indicate on the Right Certificate the number of Rights represented thereby which continue to include the rights provided by Section 11(a)(ii).

(d) In case the registered holder of any Right Certificate shall exercise less than all the Rights evidenced thereby, a new Right Certificate evidencing Rights equivalent to the Rights remaining unexercised shall

be issued by the Rights Agent to the registered holder of such Right Certificate or to his duly authorized assigns, subject to the provisions of Section 14 hereof, or the Rights Agent shall place an appropriate notation on the Right Certificate with respect to those Rights exercised.

(e) Notwithstanding anything in this Agreement to the contrary, from and after the first occurrence of a Section 11(a)(ii) Event, any Rights beneficially owned by (i) an Acquiring Person or an Affiliate or Associate of an Acquiring Person, (ii) a transferee of an Acquiring Person (or of any Affiliate or Associate thereof) who becomes a transferee after the Acquiring Person becomes such, or (iii) a transferee of an Acquiring Person (or of any Affiliate or Associate thereof) who becomes a transferee before or concurrently with the Acquiring Person becoming such and receives such Rights pursuant to either (A) a transfer (whether or not for consideration) from the Acquiring Person to holders of equity interests in such Acquiring Person or to any Person with whom the Acquiring Person has a continuing agreement, arrangement or understanding regarding the transferred Rights or (B) a transfer which the Board of Directors of the Corporation, in its sole discretion, has determined is part of a plan, arrangement or understanding that has as a primary purpose or effect the avoidance of this Section 7(e), shall become null and void without any further action, and no holder of such Rights shall have any rights whatsoever with respect to such Rights, whether under any provision of this Agreement or otherwise. The Corporation shall use all reasonable efforts to insure that the provisions of this Section 7(e) and Section 4(b) hereof are complied with but shall have no liability to any holder of Right Certificates or other Person as a result of its failure to make any determinations with respect to an Acquiring Person or its Affiliates, Associates or transferees hereunder.

(f) Notwithstanding anything in this Agreement to the contrary, neither the Rights Agent nor the Corporation shall be obligated to undertake any action with respect to a registered holder upon the occurrence of any purported exercise as set forth in this Section 7 unless such registered holder shall have (i) completed and signed the certificate contained in the form of election to purchase set forth on the reverse side of the Right Certificate surrendered for such exercise, and (ii) provided such additional evidence of the identity of the Beneficial Owner (or former Beneficial Owner) or Affiliates or Associates thereof as the Corporation shall reasonably request.

Section 8. Cancellation and Destruction of Right Certificates. All Right Certificates surrendered for the purpose of exercise, transfer, split up, combination or exchange shall, if surrendered to the Corporation or to any of its agents, be delivered to the Rights Agent for cancellation or in canceled form, or, if surrendered to the Rights Agent, shall be canceled by it, and no Right Certificates shall be issued in lieu thereof except as expressly permitted by any of the provisions of this Agreement. The Corporation shall deliver to the Rights Agent for cancellation and retirement, and the Rights Agent shall so cancel and retire, any other Right Certificate purchased or acquired by the Corporation otherwise than upon the exercise thereof. The Rights Agent shall deliver all canceled Right Certificates to the Corporation, or shall, at the written request of the Corporation, destroy such canceled Right Certificates and in such case, shall deliver a certificate of destruction thereof to the Corporation.

Section 9. Reservation and Availability of Preferred Shares. The Corporation covenants and agrees that at all times before a Section 11(a)(ii) Event occurs it will cause to be reserved and kept available out of its authorized and unissued Preferred Shares, or any authorized and issued Preferred Shares held in its treasury, the number of Preferred Shares that will be sufficient to permit the exercise in full of all outstanding Rights and after a Section 11(a)(ii) Event occurs, shall, to the extent reasonably practicable, so reserve and keep available a sufficient number of Common Shares (and/or other securities) which may be required to permit the exercise in full of the Rights pursuant to this Agreement.

So long as the Preferred Shares (and, after a Section 11(a)(ii) Event occurs, Common Shares or any other securities) issuable upon the exercise of the Rights may be listed on any national securities exchange or on the Nasdaq Stock Market, the Corporation shall use its best efforts to cause, from and after such time as the Rights become exercisable, all shares reserved for such issuance to be listed on such exchange or on the Nasdaq Stock Market upon official notice of issuance upon such exercise.

The Corporation covenants and agrees that it will take all such action as may be necessary to ensure that all Preferred Shares (or Common Shares and/or other securities, as the case may be) delivered upon exercise of Rights shall, at the time of delivery of the certificates for such shares or other securities (subject to payment of the Purchase Price), be duly and validly authorized and issued and fully paid and non-assessable shares or securities.

The Corporation further covenants and agrees that it will pay when due and payable any and all U.S. federal and state transfer taxes and charges which may be payable in respect of the issuance or delivery of the Right Certificates or of any Preferred Shares (or Common Shares and/or other securities, as the case may be) upon the exercise of Rights. The Corporation shall not, however, be required to pay any transfer tax which may be payable in respect of any transfer or delivery of Right Certificates to a person other than, or the issuance or delivery of certificates or depository receipts for the Preferred Shares (or Common Shares and/or other securities, as the case may be) in a name other than that of, the registered holder of the Right Certificate evidencing Rights surrendered for exercise, or to issue or to deliver any certificates or depository receipts for Preferred Shares (or Common Shares and/or other securities, as the case may be) upon the exercise of any Rights, until any such tax shall have been paid (any such tax being payable by the holder of such Right Certificate at the time of surrender) or until it has been established to the Corporation's reasonable satisfaction that no such tax is due.

The Corporation shall use its best efforts to (i) file, as soon as practicable following the Shares Acquisition Date, a registration statement under the Act on an appropriate form, with respect to the securities purchasable upon exercise of the Rights, (ii) cause such registration statement to become effective as soon as practicable after such filing, and (iii) cause such registration statement to remain effective (with a prospectus at all times meeting the requirements of the Act and the rules and regulations thereunder) until the date of the expiration of the rights provided by Section 11(a)(ii). The Corporation will also take such action as may be appropriate or required under the blue sky laws of the various states.

Section 10. Preferred Shares Record Date. Each person in whose name any certificate for Preferred Shares (or Common Shares and/or other securities, as the case may be) is issued upon the exercise of Rights shall for all purposes be deemed to have become the holder of record of the Preferred Shares (or Common Shares and/or other securities, as the case may be) represented thereby on, and such certificate shall be dated, the date upon which the Right Certificate evidencing such Rights was duly surrendered and payment of the Purchase Price (and any applicable transfer taxes) was made; provided, however, that, if the date of such surrender and payment is a date upon which the Preferred Shares (or Common Shares and/or other securities, as the case may be) transfer books of the Corporation are closed, such person shall be deemed to have become the record holder of such shares on, and such certificate shall be dated, the next succeeding Business Day on which the Preferred Shares (or Common Shares and/or other securities, as the case may be) transfer books of the Corporation are open.

Section 11. Adjustment of Purchase Price, Number and Kind of Shares or Number of Rights.

The Purchase Price, the number and kind of shares covered by each Right and the number of Rights outstanding are subject to adjustment from time to time as provided in this Section 11.

(a) (i) In the event the Corporation shall at any time after the date of this Agreement (A) declare a dividend on the Preferred Shares payable in Preferred Shares, (B) subdivide the outstanding Preferred Shares, (C) combine the outstanding Preferred Shares into a smaller number of Preferred Shares or (D) issue any shares of its capital stock in a reclassification of the Preferred Shares (including any such reclassification in connection with a consolidation or merger in which the Corporation is the continuing or surviving corporation), except as otherwise provided in this Section 11(a) and Section 7(e) hereof, the Purchase Price in effect at the time of the record date for such dividend or of the effective date of such subdivision, combination or reclassification, and the number and kind of shares of capital stock issuable on such date, shall be proportionately adjusted so that the holder of any Right exercised after such time shall be entitled to receive the aggregate number and kind of shares of capital stock which, if such Right had been exercised immediately before such date and at a time when the Preferred Shares transfer books of the Corporation were open, such holder would have owned upon such exercise and been entitled to receive

by virtue of such dividend, subdivision, combination or reclassification; provided, however, that in no event shall the consideration to be paid upon the exercise of one Right be less than the aggregate par value of the shares of capital stock of the Corporation issuable upon exercise of one Right. If an event occurs which would require an adjustment under both Section 11(a)(i) and Section 11(a)(ii), the adjustment provided for in this Section 11(a)(i) shall be in addition to, and shall be made before, any adjustment required pursuant to Section 11(a)(ii).

(ii) In the event any Person, alone or together with its Affiliates and Associates, shall become an Acquiring Person, each holder of a Right (except as provided below and in Section 7(e) hereof) shall, for a period of 60 days after the later of the occurrence of any such event or the effective date of an appropriate registration statement under the Act pursuant to Section 9 hereof, have a right to receive, upon exercise thereof at a price equal to the then current Purchase Price, in accordance with the terms of this Agreement, such number of Common Shares (or, in the discretion of the Board of Directors, one one-hundredth of a Preferred Share) as shall equal the result obtained by (x) multiplying the then current Purchase Price by the then number of one one-hundredths of a Preferred Share for which a Right was exercisable immediately before the first occurrence of a Section 11(a)(ii) Event, and dividing that product by (y) 50% of the then current per share market price of the Corporation's Common Shares (determined pursuant to Section 11(d) hereof) on the date of such first occurrence (such number of shares being referred to as the "Adjustment Shares"); provided, however, that if the transaction that would otherwise give rise to the foregoing adjustment is also subject to the provisions of Section 13 hereof, then only the provisions of Section 13 hereof shall apply, and no adjustment shall be made pursuant to this Section 11(a)(ii);

(iii) In the event that there shall not be sufficient treasury shares or authorized but unissued (and unreserved) Common Shares to permit the exercise in full of the Rights in accordance with the foregoing subparagraph (ii) and the Rights become so exercisable (and the Board has determined to make the Rights exercisable into fractions of a Preferred Share), notwithstanding any other provision of this Agreement, to the extent necessary and permitted by applicable law, each Right shall thereafter represent the right to receive, upon exercise thereof at the then current Purchase Price in accordance with the terms of this Agreement, (x) a number of (or fractions of) Common Shares (up to the maximum number of Common Shares which may permissibly be issued) and (y) one one-hundredth of a Preferred Share or a number of, or fractions of other equity securities of the Corporation (or, in the discretion of the Board of Directors, debt) which the Board of Directors of the Corporation has determined to have the same aggregate current market value (determined pursuant to Section 11(d)(i) and (ii) hereof, to the extent applicable,) as one Common Share (such number of, or fractions of, Preferred Shares, debt, or other equity securities or debt of the Corporation, being referred to as a "capital stock equivalent"), equal in the aggregate to the number of Adjustment Shares; provided, however, if sufficient Common Shares and/or capital stock equivalents are unavailable, then the Corporation shall, to the extent permitted by applicable law, take all such action as may be necessary to authorize additional Common Shares or capital stock equivalents for issuance upon exercise of the Rights, including, if necessary, the calling of a meeting of stockholders; and provided, further, that if the Corporation is unable to cause sufficient Common Shares and/or capital stock equivalents to be available for issuance upon exercise in full of the Rights, then each Right shall thereafter represent the right to receive the Adjusted Number of Shares upon exercise at the Adjusted Purchase Price (as such terms are hereinafter defined). As used herein, the term "Adjusted Number of Shares" shall be equal to that number of (or fractions of) Common Shares (and/or capital stock equivalents) equal to the product of (x) the number of Adjustment Shares and (y) a fraction, the numerator of which is the number of Common Shares (and/or capital stock equivalents) available for issuance upon exercise of the Rights and the denominator of which is the aggregate number of Adjustment Shares otherwise issuable upon exercise in full of all Rights (assuming there were a sufficient number of Common Shares available) (such fraction being referred to as the "Proration Factor"). The "Adjusted Purchase Price" shall mean the product of the Purchase Price and the Proration Factor. The Board of Directors may, but shall not be required to, establish procedures to allocate the right to receive Common Shares and capital stock equivalents upon exercise of the Rights among holders of Rights.

(b) In case the Corporation shall fix a record date for the issuance of rights (other than the Rights), options or warrants to all holders of Preferred Shares entitling them (for a period expiring within 45 calendar days

after such record date) to subscribe for or purchase Preferred Shares (or shares having the same rights, privileges and preferences as the Preferred Shares ("equivalent preferred shares")) or securities convertible into Preferred Shares or equivalent preferred shares at a price per Preferred Share or equivalent preferred share (or having a conversion price per share, if a security convertible into Preferred Shares or equivalent preferred shares) less than the then current per share market price of the Preferred Shares (as determined pursuant to Section 11(d) hereof) on such record date, the Purchase Price to be in effect after such record date shall be determined by multiplying the Purchase Price in effect immediately before such record date by a fraction, the numerator of which shall be the number of Preferred Shares outstanding on such record date plus the number of Preferred Shares which the aggregate offering price of the total number of Preferred Shares and/or equivalent preferred shares so to be offered (and/or the aggregate initial conversion price of the convertible securities so to be offered) would purchase at such current per share market price, and the denominator of which shall be the number of Preferred Shares outstanding on such record date plus the number of additional Preferred Shares and/or equivalent preferred shares to be offered for subscription or purchase (or into which the convertible securities so to be offered are initially convertible); provided, however, that in no event shall the consideration to be paid upon the exercise of one Right be less than the aggregate par value of the shares of capital stock of the Corporation issuable upon exercise of one Right. In case such subscription price may be paid in a consideration part or all of which shall be in a form other than cash, the value of such consideration shall be determined in good faith by the Board of Directors of the Corporation, whose determination shall be described in a statement filed with the Rights Agent and shall be binding on the Rights Agent. Preferred Shares owned by or held for the account of the Corporation shall not be deemed outstanding for the purpose of any such computation. Such adjustment shall be made successively whenever such a record date is fixed; and in the event that such rights, options or warrants are not so issued, the Purchase Price shall be adjusted to be the Purchase Price which would then be in effect if such record date had not been fixed.

(c) In case the Corporation shall fix a record date for the making of a distribution to all holders of the Preferred Shares (including any such distribution made in connection with a consolidation or merger in which the Corporation is the continuing or surviving corporation) of evidences of indebtedness or assets (other than a regular quarterly cash dividend or a dividend payable in Preferred Shares) or subscription rights or warrants (excluding those referred to in Section 11(b) hereof), the Purchase Price to be in effect after such record date shall be determined by multiplying the Purchase Price in effect immediately before such record date by a fraction, the numerator of which shall be the then current per share market price (as determined pursuant to Section 11(d) hereof) of the Preferred Shares on such record date, less the fair market value (as determined in good faith by the Board of Directors of the Corporation, whose determination shall be described in a statement filed with the Rights Agent and shall be binding on the Rights Agent) of the portion of the assets or evidences of indebtedness so to be distributed or of such subscription rights or warrants applicable to one Preferred Share and the denominator of which shall be such current per share market price of the Preferred Shares; provided, however, that in no event shall the consideration to be paid upon the exercise of one Right be less than the aggregate par value of the shares of capital stock of the Corporation to be issued upon exercise of one Right. Such adjustments shall be made successively whenever such a record date is fixed; and in the event that such distribution is not so made, the Purchase Price shall again be adjusted to be the Purchase Price which would then be in effect if such record date had not been fixed.

(d) (i) For the purpose of any computation hereunder, the "current per share market price" of any security (a "Security") for the purpose of this Section 11(d)(i) on any date shall be deemed to be the average of the daily closing prices per share of such Security for the thirty (30) consecutive Trading Days (as such term is hereinafter defined) immediately before such date; provided, however, that in the event that the current per share market price of the Security is determined during a period following the announcement by the issuer of such Security of (A) a dividend or distribution on such Security payable in shares of such Security or securities convertible into such shares, or (B) any subdivision, combination or reclassification of such Security and before the expiration of thirty (30) Trading Days after the ex-dividend date for such dividend or distribution, or the record date for such subdivision, combination or reclassification, then, and in each such case, the current per share market price shall be appropriately adjusted to reflect the current market price per share equivalent of such Security. The closing price for each day shall be the last sale price, regular way, or, in case no such sale takes place on such day, the average of the closing bid and asked prices, regular way, in either case, as reported in the principal consolidated

transaction reporting system with respect to securities listed on the principal national securities exchange on which the Security is listed or admitted to trading or, if the Security is not listed or admitted to trading on any national securities exchange, the last quoted price or, if not so quoted, the average of the high bid and low asked prices in the over-the-counter market, as reported by the National Association of Securities Dealers, Inc. Automated Quotations System ("NASDAQ") or such other system then in use, or, if on any such date the Security is not quoted by any such organization, the average of the closing bid and asked prices as furnished by a professional market maker making a market in the Security selected by the Board of Directors of the Corporation. If on any such date no such market maker is making market in the Security, the fair value of the Security on such date as determined in good faith by the Board of Directors of the Corporation shall be used. The term "Trading Day" shall mean a day on which the principal national securities exchange on which the Security is listed or admitted to trading is open for the transaction of business or, if the Security is not listed or admitted to trading on any national securities exchange, a Business Day.

(ii) For the purpose of any computation hereunder, the "current per share market price" of the Preferred Shares shall be determined in accordance with the method set forth in Section 11(d)(i). If the Preferred Shares are not publicly traded, the "current per share market price" of the Preferred Shares shall be conclusively deemed to be the current per share market price of the Common Shares as determined pursuant to Section 11(d)(i), (appropriately adjusted to reflect any stock split, stock dividend or similar transaction occurring after the date hereof), multiplied by one hundred. If neither the Common Shares nor the Preferred Shares are publicly held or so listed or traded, "current per share market price" shall mean the fair value per share as determined in good faith by the Board of Directors of the Corporation, whose determination shall be described in a statement filed with the Rights Agent and shall be binding on the Rights Agent.

(e) Notwithstanding anything herein to the contrary, no adjustment in the Purchase Price shall be required unless such adjustment would require an increase or decrease of at least 1% in the Purchase Price; provided, however, that any adjustments which by reason of this Section 11(e) are not required to be made shall be carried forward and taken into account in any subsequent adjustment. All calculations under this Section 11 shall be made to the nearest cent or to the nearest one one-millionth of a Preferred Share or one ten-thousandth of any other share or security as the case may be. Notwithstanding the first sentence of this Section 11(e), any adjustment required by this Section 11 shall be made no later than the earlier of (i) three (3) years from the date of the transaction which mandates such adjustment or (ii) the Final Expiration Date.

(f) If as a result of an adjustment made pursuant to Section 11(a)(ii) or Section 13(a) hereof, the holder of any Right thereafter exercised shall become entitled to receive any shares of capital stock of the Corporation other than Preferred Shares, thereafter the number of other shares so receivable upon exercise of any Right shall be subject to adjustment from time to time in a manner and on terms as nearly equivalent as practicable to the provisions with respect to the Preferred Shares contained in Section 11(a) through (c), inclusive, and the provisions of Sections 7, 9, 10, 13 and 14 with respect to the Preferred Shares shall apply on like terms to any such other shares.

(g) All Rights originally issued by the Corporation subsequent to any adjustment made to the Purchase Price hereunder shall evidence the right to purchase, at the adjusted Purchase Price, the number of one one-hundredths of a Preferred Share purchasable from time to time hereunder upon exercise of the Rights, all subject to further adjustment as provided herein.

(h) Unless the Corporation shall have exercised its election as provided in Section 11(i) hereof upon each adjustment of the Purchase Price as a result of the calculations made in Sections 11(b) and (c) hereof, each Right outstanding immediately before the making of such adjustment shall thereafter evidence the right to purchase, at the adjusted Purchase Price, that number of one one-hundredths of a Preferred Share (calculated to the nearest one one-millionth of a Preferred Share) obtained by (i) multiplying (x) the number of one one-hundredths of a share

covered by a Right immediately before this adjustment by (y) the Purchase Price in effect immediately before such adjustment of the Purchase Price and (ii) dividing the product so obtained by the Purchase Price in effect immediately after such adjustment of the Purchase Price.

(i) The Corporation may elect on or after the date of any adjustment of the Purchase Price to adjust the number of Rights, in lieu of any adjustment in the number of one one-hundredths of a Preferred Share purchasable upon the exercise of a Right. Each of the Rights outstanding after such adjustment of the number of Rights shall be exercisable for the number of one one-hundredth of a Preferred Share for which a Right was exercisable immediately before such adjustment. Each Right held of record before such adjustment of the number of Rights shall become that number of Rights (calculated to the nearest one ten-thousandth) obtained by dividing the Purchase Price in effect immediately before the Purchase Price is adjusted by the Purchase Price in effect immediately after such adjustment. The Corporation shall make a public announcement of its election to adjust the number of Rights, indicating the record date for the adjustment, and, if known at the time, the amount of the adjustment to be made. This record date may be the date on which the Purchase Price is adjusted or any day thereafter, but, if the Right Certificates have been issued, shall be at least ten (10) days later than the date of the public announcement. If Right Certificates have been issued, upon each adjustment of the number of Rights pursuant to this Section 11(i), the Corporation shall, as promptly as practicable, cause to be distributed to holders of record of Right Certificates on such record date Right Certificates evidencing, subject to Section 14 hereof, the additional Rights to which such holders shall be entitled as a result of such adjustment, or, at the option of the Corporation, shall cause to be distributed to such holders of record in substitution and replacement for the Right Certificates held by such holders before the date of adjustment, and upon surrender thereof, if required by the Corporation, new Right Certificates evidencing all the Rights to which such holders shall be entitled after such adjustment. Right Certificates so to be distributed shall be issued, executed and countersigned in the manner provided for herein and shall be registered in the names of the holders of record of Right Certificates on the record date specified in the public announcement.

(j) Irrespective of any adjustment or change in the Purchase Price or the number of one one-hundredths of a Preferred Share issuable upon the exercise of the Rights, the Right Certificates theretofore and thereafter issued may continue to express the Purchase Price and the number of one one-hundredths of a Preferred Share which were expressed in the initial Right Certificates issued hereunder.

(k) Before taking any action that would cause an adjustment reducing the Purchase Price below the then par value, if any, of the number of one one-hundredths of a Preferred Share or other securities issuable upon exercise of the Rights, the Corporation shall take any corporate action which may, in the opinion of its counsel, be necessary in order that the Corporation may validly and legally issue such number of fully paid and non-assessable one one-hundredths of a Preferred Share or other securities at such adjusted Purchase Price.

(l) In any case in which this Section 11 shall require that an adjustment in the Purchase Price be made effective as of a record date for a specified event, the Corporation may elect to defer until such event occurs the issuance to the holder of any Right exercised after such record date the Preferred Shares, Common Shares or other securities of the Corporation, if any, issuable upon such exercise over and above the Preferred Shares, Common Shares or other securities of the Corporation, if any, issuable upon exercise on the basis of the Purchase Price in effect before such adjustment; provided, however, that the Corporation shall deliver to such holder a due bill or other appropriate instrument evidencing such holder's right to receive such additional shares upon the occurrence of the event requiring such adjustment.

(m) Notwithstanding anything in this Section 11 to the contrary, the Corporation shall be entitled to make such reductions in the Purchase Price, in addition to those adjustments expressly required by this Section 11, as and to the extent that it in its sole discretion shall determine to be advisable in order that (i) any consolidation or subdivision of the Preferred Shares, (ii) issuance wholly for cash of Preferred Shares at less than the current market price, (iii) issuance wholly for cash of Preferred Shares or securities which by their terms are convertible into or exchangeable for Preferred Shares, (iv) stock dividends or (v) issuance of rights, options or warrants referred to in



this Section 11, hereafter made by the Corporation to holders of its Preferred Shares shall not be taxable to such stockholders.

(n) The Corporation covenants and agrees that it shall not, at any time after the Distribution Date, (i) consolidate with any other Person (other than a Subsidiary of the Corporation in a transaction that does not violate Section 11(o) hereof), (ii) merge with or into any other Person (other than a Subsidiary of the Corporation in a transaction that does not violate Section 11(o) hereof) or (iii) sell or transfer (or permit any Subsidiary to sell or transfer), in one transaction, or a series of related transactions, assets or earning power aggregating more than 50% of the assets or earning power of the Corporation and its Subsidiaries (taken as a whole) to any other Person or Persons (other than the Corporation and/or any of its Subsidiaries in one or more transactions each of which does not violate Section 11(o) hereof), if (x) at the time of or immediately after such consolidation, merger, sale or transfer there are any charter or bylaw provisions or any rights, warrants or other instruments or securities outstanding or agreements in effect or other actions taken, which would materially diminish or otherwise eliminate the benefits intended to be afforded by the Rights or (y) before, simultaneously with or immediately after such consolidation, merger or sale, the stockholders of the Person who constitutes, or would constitute, the "Principal Party" for purposes of Section 13(a) hereof shall have received a distribution of Rights previously owned by such Person or any of its Affiliates and Associates. The Corporation shall not consummate any such consolidation, merger, sale or transfer unless prior thereto the Corporation and such other Person shall have executed and delivered to the Rights Agent a supplemental agreement evidencing compliance with this Section 11(n).

(o) The Corporation covenants and agrees that, after the Distribution Date, it will not, except as permitted by Section 23 or Section 27 hereof, take (or permit any Subsidiary to take) any action the purpose of which is to, or if at the time such action is taken it is reasonably foreseeable that the effect of such action is to, materially diminish or otherwise eliminate the benefits intended to be afforded by the Rights.

(p) The exercise of Rights under Section 11(a)(ii) shall only result in the loss of rights under Section 11(a)(ii) to the extent so exercised and shall not otherwise affect the rights represented by the Rights under this Agreement, including the rights represented by Section 13 hereof.

Section 12. Certificate of Adjusted Purchase Price or Number of Shares. Whenever an adjustment is made as provided in Sections 11 or 13 hereof, the Corporation shall promptly (a) prepare a certificate setting forth such adjustment, and a brief statement of the facts accounting for such adjustment, (b) file with the Rights Agent and with each transfer agent for the Common Shares a copy of such certificate and (c) mail a brief summary thereof to each holder of a Right Certificate in accordance with Section 26 hereof. The Rights Agent shall be fully protected in relying on any such certificate and on any adjustment therein contained and shall not be deemed to have knowledge of such adjustment unless and until it shall have received such certificate.

Section 13. Consolidation, Merger or Sale or Transfer of Assets or Earning Power.

(a) In the event that, on or following the Shares Acquisition Date, directly or indirectly, (x) the Corporation shall consolidate with, or merge with and into, any Interested Stockholder or, if in such merger or consolidation all holders of Common Shares are not treated alike any other Person, (y) the Corporation shall consolidate with, or merge with, any Interested Stockholder or, if in such merger or consolidation all holders of Common Shares are not treated alike, any other Person, and the Corporation shall be the continuing or surviving corporation of such consolidation or merger (other than, in a case of any transaction described in (x) or (y), a merger or consolidation which would result in all of the securities generally entitled to vote in the election of directors ("voting securities") of the Corporation outstanding immediately prior thereto continuing to represent (either by remaining outstanding or by being converted into securities of the surviving entity) all of the voting securities of the Corporation or such surviving entity outstanding immediately after such merger or consolidation and the holders of such securities not having changed as a result of such merger or consolidation), or (z) the Corporation shall sell or otherwise transfer (or one or more of its Subsidiaries shall sell or otherwise transfer), in one transaction or a series of related transactions, assets or earning power aggregating more than 50% of the assets or earning power of the

Corporation and its Subsidiaries (taken as a whole) to any Interested Stockholder or Stockholders or, if in such transaction all holders of Common Stock are not treated alike, any other Person (other than the Corporation or any Subsidiary of the Corporation in one or more transactions each of which does not violate Section 11(n) hereof), then, and in each such case (except as provided in Section 13(d) hereof), proper provision shall be made so that (i) each holder of a Right, except as provided in Section 7(e) hereof, shall thereafter have the right to receive, upon the exercise thereof at a price equal to the then current Purchase Price, in accordance with the terms of this Agreement and in lieu of Preferred Shares, such number of freely tradeable Common Shares of the Principal Party (as hereinafter defined), not subject to any liens, encumbrances, rights of first refusal or other adverse claims, as shall equal the result obtained by (A) multiplying the then current Purchase Price by the number of one one-hundredths of a Preferred Share for which a Right is then exercisable (without taking into account any adjustment previously made pursuant to Section 11(a)(ii)) and dividing that product by (B) 50% of the then current per share market price of the Common Shares of such Principal Party (determined pursuant to Section 11(d) hereof) on the date of consummation of such Section 13 Event; (ii) such Principal Party shall thereafter be liable for, and shall assume, by virtue of such Section 13 Event, all the obligations and duties of the Corporation pursuant to this Agreement; (iii) the term "Corporation" shall thereafter be deemed to refer to such Principal Party, it being specifically intended that the provisions of Section 11 hereof shall apply only to such Principal Party following the first occurrence of a Section 13 Event; and (iv) such Principal Party shall take such steps (including, but not limited to, the reservation of a sufficient number of its Common Shares) in connection with the consummation of any such transaction as may be necessary to assure that the provisions hereof shall thereafter be applicable, as nearly as reasonably may be, to the Common Shares thereafter deliverable upon the exercise of the Rights.

(b) "Principal Party" shall mean (i) in the case of any transaction described in clause (x) or (y) of the first sentence of Section 13(a), the Person that is the issuer of any securities into which Common Shares of the Corporation are converted in such merger or consolidation, and if no securities are so issued, the Person that is the other party to such merger or consolidation (including, if applicable, the Corporation if it is the surviving corporation); and (ii) in the case of any transaction described in clause (z) of the first sentence of Section 13(a), the Person that is the party receiving the greatest portion of the assets or earning power transferred pursuant to such transaction or transactions provided, however, that in any of the foregoing cases, (1) if the Common Shares of such Person are not at such time and have not been continuously over the preceding twelve (12) month period registered under Section 12 of the Exchange Act, and such Person is a direct or indirect Subsidiary of another Person the Common Shares of which are and have been so registered, "Principal Party" shall refer to such other Person; (2) in case such Person is a Subsidiary, directly or indirectly, of more than one Person, the Common Shares of two or more of which are and have been so registered, "Principal Party" shall refer to whichever of such Persons is the issuer of the Common Shares having the greatest aggregate market value; and (3) in case such Person is owned, directly or indirectly, by a joint venture formed by two or more Persons that are not owned, directly or indirectly, by the same Person, the rules set forth in (1) and (2) above shall apply to each of the chains of ownership having an interest in such joint venture as if such party were a "Subsidiary" of both or all of such joint venturers, and the Principal Parties in each such chain shall bear the obligations set forth in this Section 13 in the same ratio as their direct or indirect interests in such Person bear to the total of such interests.

(c) The Corporation shall not consummate any such consolidation, merger, sale or transfer unless the Principal Party shall have a sufficient number of its authorized Common Shares which have not been issued or reserved for issuance to permit the exercise in full of the Rights in accordance with this Section 13, and unless prior thereto the Corporation and such Principal Party shall have executed and delivered to the Rights Agent a supplemental agreement providing for the terms set forth in paragraphs (a) and (b) of this Section 13 and further providing that, as soon as practicable after the date of any consolidation, merger, sale or transfer mentioned in paragraph (a) of this Section 13, the Principal Party at its own expense shall:

(i) prepare and file a registration statement under the Act with respect to the Rights and the securities purchasable upon exercise of the Rights on an appropriate form, and use its best efforts to cause such registration statement to (A) become effective as soon as practicable after such filing and (B) remain effective (with a prospectus at all times meeting the requirements of the Act) until the Final Expiration Date;

(ii) use its best efforts to qualify or register the Rights and the securities purchasable upon exercise of the Rights under the blue sky laws of such jurisdictions as may be necessary or appropriate; and

(iii) deliver to holders of the Rights historical financial statements for the Principal Party which comply in all respects with the requirements for registration on Form 10 under the Exchange Act.

The provisions of this Section 13 shall similarly apply to successive mergers or consolidations or sales or other transfers. The rights under this Section 13 shall be in addition to the rights to exercise Rights and adjustments under Section 11(a)(ii) and shall survive any exercise thereof.

(d) Notwithstanding anything in this Agreement to the contrary, this Section 13 shall not be applicable to a transaction described in subparagraphs (x) and (y) of Section 13(a) if: (i) such transaction is consummated with a Person or Persons who acquired Common Shares pursuant to a Permitted Offer (or a wholly owned Subsidiary of any such Person or Persons); (ii) the price per Common Share offered in such transaction is not less than the price per Common Share paid to all holders of Common Shares whose shares were purchased pursuant to such Permitted Offer; and (iii) the form of consideration offered in such transaction is the same as the form of consideration paid pursuant to such Permitted Offer. Upon consummation of any such transaction contemplated by this Section 13(d), all Rights hereunder shall expire.

#### Section 14. Fractional Rights and Fractional Shares.

(a) The Corporation shall not be required to issue fractions of Rights or to distribute Right Certificates which evidence fractional Rights. In lieu of such fractional Rights, there shall be paid to the registered holders of the Right Certificates with regard to which such fractional Rights would otherwise be issuable, an amount in cash equal to the same fraction of the current market value of a whole Right. For the purposes of this Section 14(a), the current market value of a whole Right shall be the closing price of the Rights for the Trading Day immediately before the date on which such fractional Rights would have been otherwise issuable. The closing price for any day shall be the last sale price, regular way, or, in case no such sale takes place on such day, the average of the closing bid and asked prices, regular way, in either case, as reported in the principal consolidated transaction reporting system with respect to securities listed on the principal national securities exchange on which the Rights are listed or admitted to trading or, if the Rights are not listed or admitted to trading on any national securities exchange, the last quoted price or, if not so quoted, the average of the high bid and low asked prices in the over-the-counter market, as reported by NASDAQ or such other system then in use or, if on any such date the Rights are not quoted by any such organization, the average of the closing bid and asked prices as furnished by a professional market maker making a market in the Rights selected by the Board of Directors of the Corporation. If on any such date no such market maker is making a market in the Rights, the fair value of the Rights on such date as determined in good faith by the Board of Directors of the Corporation shall be used.

(b) The Corporation shall not be required to issue fractions of Preferred Shares (other than fractions which are one one-hundredth or integral multiples of one one-hundredth of a Preferred Share) upon exercise of the Rights or to distribute certificates which evidence fractional Preferred Shares (other than fractions which are one one-hundredth or integral multiples of one one-hundredth of a Preferred Share). Fractions of Preferred Shares in integral multiples of one one-hundredth of a Preferred Share may, at the election of the Corporation, be evidenced by depositary receipts, pursuant to an appropriate agreement between the Corporation and a depositary selected by it; provided that such agreement shall provide that the holders of such depositary receipts shall have the rights, privileges and preferences to which they are entitled as beneficial owners of the Preferred Shares represented by such depositary receipts. In lieu of fractional Preferred Shares that are not one one-hundredth or integral multiples of one one-hundredth of a Preferred Share, the Corporation shall pay to the registered holders of Right Certificates at the time such Rights are exercised as herein provided an amount in cash equal to the same fraction of the current market value of one Preferred Share. For the purposes of this Section 14(b), the current market value of a Preferred Share shall be the closing price of a Preferred Share (as determined pursuant to Section 11(d)(ii) hereof) for the Trading Day immediately before the date of such exercise.

(c) Following the occurrence of one of the transactions or events specified in Section 11 giving rise to the right to receive Common Shares, capital stock equivalents (other than Preferred Shares) or other securities upon the exercise of a Right, the Corporation shall not be required to issue fractions of shares or units of such Common Shares, capital stock equivalents or other securities upon exercise of the Rights or to distribute certificates which evidence fractions of such Common Shares, capital stock equivalents or other securities. In lieu of fractional shares or units of such Common Shares, capital stock equivalents or other securities, the Corporation may pay to the registered holders of Right Certificates at the time such Rights are exercised as herein provided an amount in cash equal to the same fraction of the current market value of a share or unit of such Common Shares, capital stock equivalents or other securities. For purposes of this Section 14(c), the current market value shall be determined in the manner set forth in Section 11(d) hereof for the Trading Day immediately before the date of such exercise and, if such capital stock equivalent is not traded, each such capital stock equivalent shall have the value of one one-hundredth of a Preferred Share.

(d) The holder of a Right by the acceptance of the Right expressly waives his right to receive any fractional Rights or any fractional share upon exercise of a Right (except as provided above).

Section 15. Rights of Action. All rights of action in respect of this Agreement, excepting the rights of action given to the Rights Agent under Section 18 hereof, are vested in the respective registered holders of the Right Certificates (and, before the Distribution Date, the registered holders of the Common Shares); and any registered holder of any Right Certificate (or, before the Distribution Date, of the Common Shares), without the consent of the Rights Agent or of the holder of any other Right Certificate (or, before the Distribution Date, of the Common Shares), may, in his own behalf and for his own benefit, enforce, and may institute and maintain any suit, action or proceeding against the Corporation to enforce, or otherwise act in respect of, his right to exercise the Rights evidenced by such Right Certificate in the manner provided in such Right Certificate and in this Agreement. Without limiting the foregoing or any remedies available to the holders of Rights, it is specifically acknowledged that the holders of Rights would not have an adequate remedy at law for any breach of this Agreement and will be entitled to specific performance of the obligations under, and injunctive relief against actual or threatened violations of the obligations of any Person subject to, this Agreement.

Section 16. Agreement of Right Holders. Every holder of a Right, by accepting the same, consents and agrees with the Corporation and the Rights Agent and with every other holder of a Right that:

(a) before the Distribution Date, the Rights will be transferable only in connection with the transfer of the Common Shares;

(b) after the Distribution Date, the Right Certificates are transferable only on the registry books of the Rights Agent if surrendered at the principal office or offices of the Rights Agent designated for such purpose, duly endorsed or accompanied by a proper instrument of transfer and with the appropriate form fully executed;

(c) subject to Section 6 and Section 7(f) hereof, the Corporation and the Rights Agent may deem and treat the person in whose name the Right Certificate (or, before the Distribution Date, the associated Common Shares certificate) is registered as the absolute owner thereof and of the Rights evidenced thereby (notwithstanding any notations of ownership or writing on the Right Certificate or the associated Common Shares certificate made by anyone other than the Corporation or the Rights Agent) for all purposes whatsoever, and neither the Corporation nor the Rights Agent, subject to the last sentence of Section 7(e) hereof, shall be required to be affected by any notice to the contrary; and

(d) notwithstanding anything in this Agreement to the contrary, neither the Corporation nor the Rights Agent shall have any liability to any holder of a Right or a beneficial interest in a Right or other Person as a result of its inability to perform any of its obligations under this Agreement by reason of any preliminary or permanent injunction or other order, decree or ruling issued by a court of competent jurisdiction or by a governmental, regulatory or administrative agency or commission, or any statute, rule, regulation or executive order promulgated

or enacted by any governmental authority, prohibiting or otherwise restraining performance of such obligation; provided, however, the Corporation must use its best efforts to have any such order, decree or ruling lifted or otherwise overturned as soon as possible.

Section 17. Right Certificate Holder Not Deemed a Stockholder. No holder, as such, of any Right Certificate shall be entitled to vote, receive dividends or be deemed for any purpose the holder of the Common Shares or any other securities of the Corporation which may at any time be issuable on the exercise of the Rights represented thereby, nor shall anything contained herein or in any Right Certificate be construed to confer upon the holder of any Right Certificate, as such, any of the rights of a stockholder of the Corporation or any right to vote for the election of directors or upon any matter submitted to stockholders at any meeting thereof, or to give or withhold consent to any corporate action, or to receive notice of meetings or other actions affecting stockholders (except as provided in Section 25 hereof), or to receive dividends or other distributions or to exercise any preemptive or subscription rights, or otherwise, until the Right or Rights evidenced by such Right Certificate shall have been exercised in accordance with the provisions hereof.

Section 18. Concerning the Rights Agent. The Corporation agrees to pay to the Rights Agent reasonable compensation for all services rendered by it hereunder and, from time to time, on demand of the Rights Agent, its reasonable expenses and counsel fees and other disbursements incurred in the administration and execution of this Agreement and the exercise and performance of its duties hereunder. The Corporation also agrees to indemnify the Rights Agent for, and to hold it harmless against, any loss, liability, or expense, incurred without gross negligence, bad faith or willful misconduct on the part of the Rights Agent, for anything done or omitted by the Rights Agent in connection with the acceptance and administration of this Agreement, including the costs and expenses of defending against any claim of liability in the premises. The indemnity provided for herein shall survive the expiration of the Rights and the termination of this Agreement.

The Rights Agent shall be protected and shall incur no liability for, or in respect of, any action taken, suffered or omitted by it in connection with, its administration of this Agreement in reliance upon any Right Certificate or certificate for Common Shares or for other securities of the Corporation, instrument of assignment or transfer, power of attorney, endorsement, affidavit, letter, notice, direction, consent, certificate, statement, or other paper or document believed by it to be genuine and to be signed, executed and, where necessary, verified or acknowledged, by the proper Person or Persons.

Section 19. Merger or Consolidation or Change of Name of Rights Agent. Any corporation into which the Rights Agent or any successor Rights Agent may be merged or with which it may be consolidated, or any corporation resulting from any merger or consolidation to which the Rights Agent or any successor Rights Agent shall be a party, or any corporation succeeding to the stock transfer or all or substantially all of the corporate trust business of the Rights Agent or any successor Rights Agent, shall be the successor to the Rights Agent under this Agreement without the execution or filing of any paper or any further act on the part of any of the parties hereto, provided that such corporation would be eligible for appointment as a successor Rights Agent under the provisions of Section 21 hereof. In case at the time such successor Rights Agent shall succeed to the agency created by this Agreement, any of the Right Certificates shall have been countersigned but not delivered, any such successor Rights Agent may adopt the countersignature of a predecessor Rights Agent and deliver such Right Certificates so countersigned; and in case at that time any of the Right Certificates shall not have been countersigned, any successor Rights Agent may countersign such Right Certificates either in the name of the predecessor or in the name of the successor Rights Agent; and in all such cases such Right Certificates shall have the full force provided in the Right Certificates and in this Agreement. In case at any time the name of the Rights Agent shall be changed and at such time any of the Right Certificates shall have been countersigned but not delivered, the Rights Agent may adopt the countersignature under its prior name and deliver Right Certificates so countersigned; and in case at that time any of the Right Certificates shall not have been countersigned, the Rights Agent may countersign such Right Certificates either in its prior name or in its changed name; and in all such cases such Right Certificates shall have the full force provided in the Right Certificates and in this Agreement.

Section 20. Duties of Rights Agent. The Rights Agent undertakes only those duties and obligations imposed by this Agreement upon the following terms and conditions, by all of which the Corporation and the holders of Right Certificates, by their acceptance thereof, shall be bound:

(a) The Rights Agent may consult with legal counsel (who may be legal counsel for the Corporation), and the opinion of such counsel shall be full and complete authorization and protection to the Rights Agent as to any action taken or omitted by it in good faith and in accordance with such opinion.

(b) Whenever in the performance of its duties under this Agreement the Rights Agent shall deem it necessary or desirable that any fact or matter (including, without limitation, the identity of an Acquiring Person and the determination of the current market price of any Security) be proved or established by the Corporation before taking or suffering any action hereunder, such fact or matter (unless other evidence in respect thereof be herein specifically prescribed) may be deemed to be conclusively proved and established by a certificate signed by any one of the Chairman of the Board, the Chief Executive Officer, the President, any Vice President, the Treasurer or the Secretary of the Corporation and delivered to the Rights Agent; and such certificate shall be full authorization to the Rights Agent for any action taken or suffered in good faith by it under the provisions of this Agreement in reliance upon such certificate.

(c) The Rights Agent shall be liable hereunder only for its own gross negligence, bad faith or willful misconduct.

(d) The Rights Agent shall not be liable for or by reason of any of the statements of fact or recitals contained in this Agreement or in the Right Certificates (except its countersignature on such Right Certificates) or be required to verify the same, but all such statements and recitals are and shall be deemed to have been made by the Corporation only.

(e) The Rights Agent shall not be under any responsibility in respect of the validity of this Agreement or the execution and delivery hereof (except the due execution hereof by the Rights Agent) or in respect of the validity or execution of any Right Certificate (except its countersignature thereof), nor shall it be responsible for any breach by the Corporation of any covenant or condition contained in this Agreement or in any Rights Certificate; nor shall it be responsible for any change in the exercisability of the Rights (including the Rights becoming void pursuant to Section 7(e) hereof) or any adjustment required under the provisions of Section 11 or Section 13 hereof or responsible for the manner, method or amount of any such adjustment or the ascertaining of the existence of facts that would require any such adjustment (except with respect to the exercise of Rights evidenced by Right Certificates after receipt of the certificate described in Section 12 hereof); nor shall it by any act hereunder be deemed to make any representation or warranty as to the authorization or reservation of any Preferred Shares or Common Shares to be issued pursuant to this Agreement or any Right Certificate or as to whether any Preferred Shares or Common Shares will, when issued, be validly authorized and issued, fully paid and non-assessable.

(f) The Corporation agrees that it will perform, execute, acknowledge and deliver or cause to be performed, executed, acknowledged and delivered all such further and other acts, instruments and assurances as may reasonably be required by the Rights Agent for the carrying out or performing by the Rights Agent of the provisions of this Agreement.

(g) The Rights Agent is hereby authorized and directed to accept instructions with respect to the performance of its duties hereunder from any one of the Chairman of the Board, the Chief Executive Officer, the President, any Vice President, the Treasurer or the Secretary of the Corporation, and to apply to such officers for advice or instructions in connection with its duties, and shall not be liable for any action taken or suffered by it in good faith or lack of action in accordance with instructions of any such officer or for any delay in acting while waiting for those instructions. Any application by the Rights Agent for written instructions from the Corporation may, at the option of the Rights Agent, set forth in writing any action proposed to be taken or omitted by the Rights Agent under this Agreement and the date on or after which such action shall be taken or such omission shall be

effective. The Rights Agent shall not be liable for any action taken by, or omission of, the Rights Agent in accordance with a proposal included in any such application on or after the date specified in such application (which date shall not be less than five Business Days after the date any officer of the Corporation actually receives such application, unless any such officer shall have consented in writing to an earlier date) unless, before taking any such action (or the effective date in the case of an omission), the Rights Agent shall have received written instruction in response to such application specifying the action to be taken or omitted.

(h) The Rights Agent and any stockholder, director, officer or employee of the Rights Agent may buy, sell or deal in any of the Rights or other securities of the Corporation or become pecuniarily interested in any transaction in which the Corporation may be interested, or contract with or lend money to the Corporation or otherwise act as fully and freely as though it were not Rights Agent under this Agreement. Nothing herein shall preclude the Rights Agent from acting in any other capacity for the Corporation or for any other legal entity.

(i) The Rights Agent may execute and exercise any of the rights or powers hereby vested in it or perform any duty hereunder either itself or by or through its attorneys or agents, and the Rights Agent shall not be answerable or accountable for any act, default, neglect or misconduct of any such attorneys or agents or for any loss to the Corporation resulting from any such act, default, neglect or misconduct, provided reasonable care was exercised in the selection and continued employment thereof

(j) No provision of this Agreement shall require the Rights Agent to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder or in the exercise of its rights if there shall be reasonable grounds for believing that repayment of such funds or adequate indemnification against such risk or liability is not reasonably assured to it.

(k) If, with respect to any Rights Certificate surrendered to the Rights Agent for exercise or transfer, the certificate attached to the form of assignment or form of election to purchase, as the case may be, has not been completed, the Rights Agent shall not take any further action with respect to such requested exercise of transfer without first consulting with the Corporation.

Section 21. Change of Rights Agent. The Rights Agent or any successor Rights Agent may resign and be discharged from its duties under this Agreement upon thirty (30) days' notice in writing mailed to the Corporation and to each transfer agent of the Common Shares or Preferred Shares by registered or certified mail, and to the holders of the Right Certificates by first-class mail. The Corporation may remove the Rights Agent or any successor Rights Agent upon sixty (60) days' notice in writing, mailed to the Rights Agent or successor Rights Agent, as the case may be, and to each transfer agent of the Common Shares or Preferred Shares by registered or certified mail, and to holders of the Right Certificates by first-class mail. If the Rights Agent shall resign or be removed or shall otherwise become incapable of acting, the Corporation shall appoint a successor to the Rights Agent. If the Corporation shall fail to make such appointment within a period of sixty (60) days after giving notice of such removal or after it has been notified in writing of such resignation or incapacity by the resigning or incapacitated Rights Agent or by the holder of a Right Certificate (who shall, with such notice, submit his Right Certificate for inspection by the Corporation), then the registered holder of any Right Certificate may apply to any court of competent jurisdiction for the appointment of a new Rights Agent. Any successor Rights Agent, whether appointed by the Corporation or by such a court, shall be a corporation organized, in good standing and doing business under the laws of the United States or of any state of the United States, which is authorized under such laws to exercise corporate trust or stock transfer powers and is subject to supervision or examination by federal or state authority. After appointment, the successor Rights Agent shall be vested with the same powers, rights, duties and responsibilities as if it had been originally named as Rights Agent without further act or deed; but the predecessor Rights Agent shall deliver and transfer to the successor Rights Agent any property at the time held by it hereunder, and execute and deliver any further assurance, conveyance, act or deed necessary for the purpose. Not later than the effective date of any such appointment the Corporation shall file notice thereof in writing with the predecessor Rights Agent and each transfer agent of the Common Shares or Preferred Shares, and mail a notice thereof in writing to the registered holders of the Right Certificates. Failure to give any notice provided for in this

Section 21, however, or any defect therein, shall not affect the legality or validity of the resignation or removal of the Rights Agent or the appointment of the successor Rights Agent, as the case may be.

Section 22. Issuance of New Right Certificates. Notwithstanding any of the provisions of this Agreement or of the Rights to the contrary, the Corporation may, at its option, issue new Right Certificates evidencing Rights in such form as may be approved by its Board of Directors to reflect any adjustment or change in the Purchase Price and the number or kind or class of shares or other securities or property purchasable under the Right Certificates made in accordance with the provisions of this Agreement.

In addition, in connection with the issuance or sale of Common Shares following the Distribution Date and before the earlier of the Redemption Date and the Final Expiration Date, the Corporation (a) shall with respect to Common Shares so issued or sold pursuant to the exercise of stock options or under any employee plan or arrangement, or upon the exercise, conversion or exchange of securities, notes or debentures issued by the Corporation, and (b) may, in any other case, if deemed necessary or appropriate by the Board of Directors of the Corporation, issue Right Certificates representing the appropriate number of Rights in connection with such issuance or sale; provided, however, that (i) the Corporation shall not be obligated to issue any such Right Certificates if, and to the extent that, the Corporation shall be advised by counsel that such issuance would create a significant risk of material adverse tax consequences to the Corporation or the Person to whom such Right Certificate would be issued, and (ii) no Right Certificate shall be issued if, and to the extent that, appropriate adjustment shall otherwise have been made in lieu of the issuance thereof.

#### Section 23. Redemption and Termination.

(a) (i) The Board of Directors of the Corporation may, at its option, redeem all but not less than all the then outstanding Rights at a redemption price of \$.0001 per Right, as such amount may be appropriately adjusted to reflect any stock split, stock dividend or similar transaction occurring after the date hereof (such redemption price being hereinafter referred to as the "Redemption Price"), at any time before the earlier of (x) the occurrence of a Section 11(a)(ii) Event, or (y) the Final Expiration Date. The Corporation may, at its option, pay the Redemption Price either in Common Shares (based on the "current per share market price," as defined in Section 11(d) hereof, of the Common Shares at the time of redemption) or cash; provided that if the Corporation elects to pay the Redemption Price in Common Shares, the Corporation shall not be required to issue any fractional Common Shares and the number of Common Shares issuable to each holder of Rights shall be rounded down to the next whole share.

(ii) In addition, the Board of Directors of the Corporation may, at its option, at any time following the occurrence of a Section 11(a)(ii) Event and the expiration of any period during which the holder of Rights may exercise the rights under Section 11(a)(ii) but before any Section 13 Event, redeem all but not less than all of the then outstanding Rights at the Redemption Price (x) in connection with any merger, consolidation or sale or other transfer (in one transaction or in a series of related transactions) of assets or earning power aggregating 50% or more of the earning power of the Corporation and its subsidiaries (taken as a whole) in which all holders of Common Shares are treated alike and not involving (other than as a holder of Common Shares being treated like all other such holders) an Interested Stockholder or (y)(aa) if and for so long as the Acquiring Person is not thereafter the Beneficial Owner of 10% of the Common Shares, and (bb) at the time of redemption no other Persons are Acquiring Persons.

(b) Notwithstanding the provisions of Section 23(a), in the event that a majority of the Board of Directors of the Corporation is comprised of (i) persons elected at a meeting of or by written consent of stockholders who were not nominated by the Board of Directors in office immediately prior to such meeting or action by written consent, and/or (ii) successors of such persons elected to the Board of Directors for the purpose of either facilitating a Transaction with a Transaction Person or circumventing, directly or indirectly the provisions of this Section 23(b), then (I) the Rights may not be redeemed for a period of 180 days following the effectiveness of such election if such redemption is reasonably likely to have the purpose or effect of facilitating a Transaction with



a Transaction Person and (II) the Rights may not be redeemed following such 180-day period, if (x) such redemption is reasonably likely to have the purpose or effect of facilitating a Transaction with a Transaction Person and (y) during such 180-day period the Corporation enters into any agreement, arrangement or understanding with any Transaction Person which is reasonably likely to have the purpose or effect of facilitating a Transaction with any Transaction Person. If the Board of Directors of the Corporation authorizes redemption of the Rights in either of the circumstances set forth in clauses 23(a)(i) or 23(a)(ii) above then there must be Continuing Directors then in office and such authorization shall require only the concurrence of a majority of such Continuing Directors if: (i) such authorization occurs on or after the time a Person becomes an Acquiring Person or (ii) such authorization occurs on or after the date of a change (resulting from a proxy or consent solicitation) in a majority of the directors in office at the commencement of such solicitation if any Person who is a participant in such solicitation has stated (or if upon the commencement of such solicitation a majority of the Board of Directors of the Corporation has determined in good faith) that such Person (or any of its Affiliates or Associates) intends to take or may consider taking any action which would result in such Person becoming an Acquiring Person or which would cause the occurrence of a Triggering Event.

(c) In the case of a redemption permitted under Section 23(a)(i), immediately upon the date for redemption set forth (or determined in the manner specified in) in a resolution of the Board of Directors of the Corporation ordering the redemption of the Rights, evidence of which shall have been filed with the Rights Agent, and without any further action and without any notice, the right to exercise the Rights will terminate, and the only right thereafter of the holders of Rights shall be to receive the Redemption Price for each Right so held. In the case of a redemption permitted only under Section 23(a)(ii), evidence of which shall have been filed with the Rights Agent, the right to exercise the Rights will terminate and represent only the right to receive the Redemption Price upon the later of ten (10) Business Days following the giving of such notice or the expiration of any period during which the rights under Section 11(a)(ii) may be exercised. The Corporation shall promptly give public notice of any such redemption; provided, however, that the failure to give, or any defect in, any such notice shall not affect the validity of such redemption. Within ten (10) days after such date for redemption set forth in a resolution of the Board of Directors ordering the redemption of the Rights, the Corporation shall mail a notice of redemption to all the holders of the then outstanding Rights at their last addresses as they appear upon the registry books of the Rights Agent or, before the Distribution Date, on the registry books of the transfer agent for the Common Shares. Any notice which is mailed in the manner herein provided shall be deemed given, whether or not the holder receives the notice. Each such notice of redemption will state the method by which the payment of the Redemption Price will be made. Neither the Corporation nor any of its Affiliates or Associates may redeem, acquire or purchase for value any Rights at any time in any manner other than that specifically set forth in this Section 23 and other than in connection with the purchase of Common Shares before the Distribution Date.

(d) The Corporation may, at its option, discharge all of its obligations with respect to the Rights by (i) issuing a press release announcing the manner of redemption of the Rights in accordance with this Agreement and (ii) mailing payment of the Redemption Price to the registered holders of the Rights at their last addresses as they appear on the registry books of the Rights Agent or, before the Distribution Date, on the registry books of the Transfer Agent of the Common Shares, and upon such action, all outstanding Rights and Right Certificates shall be null and void without any further action by the Corporation.

#### Section 24. Exchange.

(a) The Board of Directors of the Corporation may, at its option, at any time after any Person becomes an Acquiring Person, exchange all or part of the then outstanding and exercisable Rights (which shall not include Rights that have become void pursuant to the provisions of Section 11(a)(ii) hereof) for Common Shares of the Corporation at an exchange ratio of one Common Share per Right, appropriately adjusted to reflect any stock split, stock dividend or similar transaction occurring after the date hereof (such exchange ratio being hereinafter referred to as the "Exchange Ratio"). Notwithstanding the foregoing, the Board of Directors shall not be empowered to effect such exchange at any time after any Person (other than the Corporation, any Subsidiary of the Corporation, any employee benefit plan of the Corporation or any such Subsidiary, or any entity holding Common Shares for or

pursuant to the terms of any such a plan), together with all Affiliates and Associates of such Person, becomes the Beneficial Owner of 10% or more of the Common Shares then outstanding.

(b) Immediately upon the action of the Board of Directors of the Corporation ordering the exchange of any Rights pursuant to subsection (a) of this Section 24 and without any further action and without any notice, the right to exercise such Rights shall terminate, and the only right thereafter of a holder of such Rights shall be to receive that number of Common Shares equal to the number of such Rights held by such holder multiplied by the Exchange Ratio. The Corporation shall promptly give public notice of any such exchange; provided, however, that the failure to give, or any defect in, such notice shall not affect the validity of such exchange. The Corporation shall promptly mail a notice of any such exchange to all of the holders of such Rights at their last addresses as they appear upon the registry books of the Rights Agent. Any notice which is mailed in the manner herein provided shall be deemed given, whether or not the holder receives the notice. Each such notice of exchange will state the method by which the exchange of the Common Shares for Rights will be effected and, in the event of any partial exchange, the number of Rights which will be exchanged. Any partial exchange shall be effected pro rata based on the number of Rights (other than Rights which have become void pursuant to the provisions of Section 11(a)(ii) hereof) held by each holder of Rights.

(c) In any exchange pursuant to this Section 24, the Corporation, at its option, may substitute Preferred Shares (or equivalent preferred shares, as such term is defined in Section 11(b) hereof) for some or all of the Common Shares exchangeable for Rights, at the initial rate of one one-hundredth of a Preferred Share (or equivalent preferred share) for each Common Share, as appropriately adjusted to reflect adjustments in the voting rights of the Preferred Shares pursuant to the terms thereof, so that the fraction of a Preferred Share delivered in lieu of each Common Share shall have the same voting rights as one Common Share.

(d) In the event that there shall not be sufficient Common Shares issued but not outstanding or authorized but unissued to permit any exchange of Rights as contemplated in accordance with this Section 24, the Corporation shall take all such action as may be necessary to authorize additional Common Shares for issuance upon exchange of the Rights.

#### Section 25. Notice of Certain Events.

(a) In case the Corporation shall propose (i) to pay any dividend payable in stock of any class to the holders of its Preferred Shares or to make any other distribution to the holders of its Preferred Shares (other than a regularly quarterly cash dividend), (ii) to offer to the holders of its Preferred Shares rights or warrants to subscribe for or to purchase any additional Preferred Shares or shares of stock of any class or any other securities, rights or options, (iii) to effect any reclassification of its Preferred Shares (other than a reclassification involving only the subdivision of outstanding Preferred Shares), (iv) to effect any consolidation or merger into or with any other Person (other than a Subsidiary of the Corporation in a transaction which does not violate Section 11(n) hereof), or to effect any sale, or other transfer (or to permit one or more of its Subsidiaries to effect any sale or other transfer) in one or more transactions, of 50% or more of the assets or earning power of the Corporation and its Subsidiaries (taken as a whole) to any other Person or Persons (other than the Corporation and/or any of its Subsidiaries in one or more transactions each of which does not violate Section 11(n) hereof), or (v) to effect the liquidation, dissolution or winding up of the Corporation, then, in each such case, the Corporation shall give to each holder of a Right Certificate, in accordance with Section 26 hereof, a notice of such proposed action to the extent feasible and file a certificate with the Rights Agent to that effect, which shall specify the record date for the purposes of such stock dividend, or distribution of rights or warrants, or the date on which such reclassification, consolidation, merger, sale, transfer, liquidation, dissolution, or winding up is to take place and the date of participation therein by the holders of the Preferred Shares, if any such date is to be fixed, and such notice shall be so given in the case of any action covered by clause (i) or (ii) above at least twenty (20) days before the record date for determining holders of the Preferred Shares for purposes of such action, and in the case of any such other action, at least twenty (20) days before the date of the taking of such proposed action or the date of participation therein by the holders of the Preferred Shares, whichever shall be the earlier.

(b) In case of a Section 11(a)(ii) Event, then (i) the Corporation shall as soon as practicable thereafter give to each holder of a Right Certificate, in accordance with Section 26 hereof, a notice of the occurrence of such event, which notice shall describe such event and the consequences of such event to holders of Rights under Section 11(a)(ii) hereof, and (ii) all references in the preceding paragraph (a) to Preferred Shares shall be deemed thereafter to refer also to Common Shares and/or, if appropriate, other securities of the Corporation.

Section 26. Notices. Notices or demands authorized by this Agreement to be given or made by the Rights Agent or by the holder of any Right Certificate to or on the Corporation shall be sufficiently given or made if sent by first-class mail, postage prepaid, addressed (until another address is filed in writing with the Rights Agent) as follows:

IMPAC MORTGAGE HOLDINGS, INC.  
20371 Irvine Avenue  
Santa Ana Heights, California 92707  
Attention: Joseph Tomkinson

Subject to the provisions of Section 21 hereof, any notice or demand authorized by this Agreement to be given or made by the Corporation or by the holder of any Right Certificate to or on the Rights Agent shall be sufficiently given or made if sent by first-class mail, postage prepaid, addressed (until another address is filed in writing with the Corporation) as follows:

BANKBOSTON, N.A.  
C/O BOSTON EQUISERVE, LIMITED PARTNERSHIP  
150 Royall Street  
Canton, MA 02021  
Attention: Client Administration

Notices or demands authorized by this Agreement to be given or made by the Corporation or the Rights Agent to the holder of any Right Certificate or, if before the Distribution Date, to the holder of certificates representing Common Shares shall be sufficiently given or made if sent by first-class mail, postage prepaid, addressed to such holder at the address of such holder as shown on the registry books of the Corporation.

Section 27. Supplements and Amendments. Before the Distribution Date, the Corporation and the Rights Agent shall, if the Corporation so directs, supplement or amend any provision of this Agreement without the approval of any holders of certificates representing Common Shares. From and after the Distribution Date, the Corporation and the Rights Agent shall, if the Corporation so directs, supplement or amend this Agreement without the approval of any holders of Right Certificates in order (i) to cure any ambiguity, (ii) to correct or supplement any provision contained herein which may be defective or inconsistent with any other provisions herein, (iii) to shorten or lengthen any time period hereunder or (iv) to change or supplement the provisions hereunder in any manner which the Corporation may deem necessary or desirable and which shall not adversely affect the interests of the holders of Right Certificates (other than an Acquiring Person or an Affiliate or Associate of an Acquiring Person); provided, however, that this Agreement may not be supplemented or amended to lengthen, pursuant to clause (iii) of this sentence, (A) a time period relating to when the Rights may be redeemed at such time as the Rights are not then redeemable, or (B) any other time period unless such lengthening is for the purpose of protecting, enhancing or clarifying the rights of, and/or the benefits to, the holders of Rights. Upon the delivery of a certificate from an appropriate officer of the Corporation which states that the proposed supplement or amendment is in compliance with the terms of this Section 27, the Rights Agent shall execute such supplement or amendment, provided that such supplement or amendment does not adversely affect the rights or obligations of the Rights Agent under Section 18 or Section 20 of this Agreement. Before the Distribution Date, the interests of the holders of Rights shall be deemed coincident with the interests of the holders of Common Shares. Notwithstanding anything contained in this Rights Agreement to the contrary, in the event that a majority of the Board of Directors of the Corporation is comprised of (i) persons elected at a meeting of or by written consent of stockholders who were not nominated by the Board of

Directors in office immediately prior to such meeting or action by written consent, and/or (ii) successors of such persons elected to the Board of Directors for the purpose of either facilitating a Transaction with a Transaction Person or circumventing, directly or indirectly the provisions of this Section 27, then for a period of 180 days following the effectiveness of such action, this Rights Agreement shall not be amended or supplemented in any manner reasonably likely to have the purpose or effect of facilitating a Transaction with a Transaction Person.

Section 28. Determination and Actions by the Board of Directors, etc. The Board of Directors of the Corporation shall have the exclusive power and authority to administer this Agreement and to exercise all rights and powers specifically granted to the Board, or the Corporation, or as may be necessary or advisable in the administration of this Agreement, including, without limitation, the right and power to (i) interpret the provisions of this Agreement, and (ii) make all determinations deemed necessary or advisable for the administration of this Agreement (including, without limitation, a determination to redeem or not redeem the Rights or to amend the Agreement and whether any proposed amendment adversely affects the interests of the holders of Right Certificates). For all purposes of this Agreement, any calculation of the number of Common Shares or other securities outstanding at any particular time, including for purposes of determining the particular percentage of such outstanding Common Shares or any other securities of which any Person is the Beneficial Owner, shall be made in accordance with the last sentence of Rule 13d-3(d)(1)(i) of the General Rules and Regulations under the Exchange Act as in effect on the date of this Agreement. All such actions, calculations, interpretations and determinations (including, for purposes of clause (y) below, all omissions with respect to the foregoing) which are done or made by the Board in good faith, shall (x) be final, conclusive and binding on the Corporation, the Rights Agent, the holders of the Right Certificates and all other parties, and (y) not subject the Board to any liability to the holders of the Right Certificates.

Section 29. Successors. All the covenants and provisions of this Agreement by or for the benefit of the Corporation or the Rights Agent shall bind and inure to the benefit of their respective successors and assigns hereunder.

Section 30. Benefits of this Agreement. Nothing in this Agreement shall be construed to give to any person or corporation other than the Corporation, the Rights Agent and the registered holders of the Right Certificates (and, before the Distribution Date, the Common Shares) any legal or equitable right, remedy or claim under this Agreement; but this Agreement shall be for the sole and exclusive benefit of the Corporation, the Rights Agent and the registered holders of the Right Certificates (and, before the Distribution Date, the Common Shares).

Section 31. Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction or other authority to be invalid, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions of this Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

Section 32. Governing Law. This Agreement, each Right and each Right Certificate issued hereunder shall be deemed to be a contract made under the laws of the State of Maryland and for all purposes shall be governed by and construed in accordance with the laws of such State applicable to contracts to be made and performed entirely within such State.

Section 33. Counterparts. This Agreement may be executed in any number of counterparts, and each of such counterparts shall for all purposes be deemed to be an original, and all such counterparts shall together constitute but one and the same instrument.

Section 34. Descriptive Headings. Descriptive headings of the several Sections of this Agreement are inserted for convenience only and shall not control or affect the meaning or construction of any of the provisions hereof.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and attested, all as of the date and year first above written.

IMPAC MORTGAGE HOLDINGS, INC.

By: /s/ Joseph Tomkinson

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Joseph Tomkinson,  
Chairman of the Board  
and Chief Executive Officer

Attest:

/s/ Ronald Morrison

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Ronald Morrison

BANKBOSTON, N.A.

By: /s/ Katherine Anderson

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Its Director, Client Services  
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Attest:

/s/ Tyler Haynes

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FORM OF  
ARTICLES SUPPLEMENTARY  
OF  
SERIES A JUNIOR PARTICIPATING PREFERRED STOCK  
OF  
IMPAC MORTGAGE HOLDINGS, INC.

Impac Mortgage Holdings, Inc., a corporation organized and existing under the laws of the State of Maryland (the "Corporation"), hereby certifies to the State Department of Assessments and Taxation of Maryland that:

FIRST: Pursuant to the authority granted to and vested in the Board of Directors of the Corporation (the "Board of Directors") in accordance with Article VI of the charter of the Corporation, including these Articles Supplementary (the "Charter"), the Board of Directors adopted resolutions reclassifying 10,000,000 shares (the "Shares") of Preferred Stock (as defined in the Charter) as a separate class of stock, Series A Junior Participating Preferred Stock, \$.01 par value per share (the "Series A Preferred Stock"), with the preferences, conversion and other rights, voting powers, restrictions, limitations as to dividends or other distributions, qualifications, and terms and conditions of redemption set forth below. Upon any restatement of the Charter, the immediately following heading and Sections 1 through 10 of this Article FIRST shall become Section 6.6 of Article VI of the Charter.

Series A Junior Participating Preferred Stock.

Section 1. Designation and Amount. There shall be a series of Preferred Stock that shall be designated as "Series A Junior Participating Preferred Stock" (hereinafter referred to as "Series A Preferred Stock") and the number of shares constituting such series shall be 2,500,000. Such number of shares may be increased or decreased by resolution of the Board of Directors; provided, however, that no decrease shall reduce the number of shares of Series A Junior Participating Preferred Stock to less than the number of shares then issued and outstanding plus the number of shares issuable upon exercise of outstanding rights, options or warrants or upon conversion of outstanding securities issued by the Corporation.

Section 2. Dividends and Distributions.

(a) Subject to the prior and superior rights of the holders of any shares of any series of Preferred Stock ranking prior and superior to the shares of Series A Preferred Stock with respect to dividends, the holders of shares of Series A Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors out of assets legally available for the purpose, quarterly dividends payable in cash on the first business day of January, April, July and October in each year (each such date being referred to herein as a "Quarterly Dividend Payment Date"), commencing on the first Quarterly Dividend Payment Date after the first issuance of a share or fraction of a share of Series A Preferred Stock, in an amount per share (rounded to the nearest cent) equal to the greater of (a) \$1.00 or (b) subject to the provision for adjustment hereinafter set forth, 100 times the aggregate per share amount of all cash dividends, and 100 times the aggregate per share amount (payable in kind) of all non-cash dividends or other distributions, other than a dividend payable in shares of Common Stock, \$.01 par value per share, of the Corporation (the "Common Stock") or a subdivision of the outstanding shares of Common Stock (by reclassification

or otherwise), declared on the Common Stock since the immediately preceding Quarterly Dividend Payment Date, or, with respect to the first Quarterly Dividend Payment Date, since the first issuance of any share or fraction of a share of Series A Preferred Stock.

(b) The Corporation shall declare a dividend or distribution on the Series A Preferred Stock as provided in paragraph (a) above immediately after it declares a dividend or distribution on the Common Stock (other than a dividend payable in shares of Common Stock); provided that, in the event no dividend or distribution shall have been declared on the Common Stock during the period between any Quarterly Dividend Payment Date and the next subsequent Quarterly Dividend Payment Date, a dividend of \$1.00 per share on the Series A Preferred Stock shall nevertheless be payable on such subsequent Quarterly Dividend Payment Date.

(c) Dividends shall begin to accrue and be cumulative on outstanding shares of Series A Preferred Stock from the Quarterly Dividend Payment Date next preceding the date of issue of such shares of Series A Preferred Stock, unless the date of issue of such shares is before the record date for the first Quarterly Dividend Payment Date, in which case dividends on such shares shall begin to accrue from the date of issue of such shares, or unless the date of issue is a Quarterly Dividend Payment Date or is a date after the record date for the determination of holders of shares of Series A Preferred Stock entitled to receive a quarterly dividend and before such Quarterly Dividend Payment Date, in either of which events such dividends shall begin to accrue and be cumulative from such Quarterly Dividend Payment Date. Accrued but unpaid dividends shall not bear interest. Dividends paid on the shares of Series A Preferred Stock in an amount less than the total amount of such dividends at the time accrued and payable on such shares shall be allocated pro rata on a share-by-share basis among all such shares at the time outstanding. The Board of Directors may fix a record date for the determination of holders of shares of Series A Preferred Stock entitled to receive payment of a dividend or distribution declared thereon, which record date shall be not more than 60 days before the date fixed for the payment thereof.

Section 3. Voting Rights. The holders of shares of Series A Preferred Stock shall have the following voting rights:

(a) Except as provided in paragraph (c) of this Section 3 and subject to the provision for adjustment hereinafter set forth, each share of Series A Preferred Stock shall entitle the holder thereof to 1,000 votes on all matters submitted to a vote of the stockholders of the Corporation.

(b) Except as otherwise provided herein or by law, the holders of shares of Series A Preferred Stock and the holders of shares of Common Stock shall vote together as one class on all matters submitted to a vote of stockholders of the Corporation.

(c) (i) If, on the date used to determine stockholders of record for any meeting of stockholders for the election of directors, a default in preference dividends (as defined in subparagraph (v) below) on the Series A Preferred Stock shall exist, the holders of the Series A Preferred Stock shall have the right, voting as a class as described in subparagraph (ii) below, to elect two directors, and the holders of shares of Common Stock shall have the right to elect the remaining directors. Such right may be exercised at any meeting of stockholders for the election of directors until all such cumulative dividends (referred to above) shall have been paid in full or until noncumulative dividends have been paid regularly for at least one year.

(ii) The right of the holders of Series A Preferred Stock to elect two directors, as described above, shall be exercised as a class concurrently with the rights of holders of any other series of Preferred Stock upon which voting rights to elect such directors have been conferred and are then exercisable. The Series A Preferred Stock and any additional series of Preferred Stock which the Corporation may issue and which may provide for the right to vote with the foregoing series of Preferred Stock are collectively referred to herein as "Voting Preferred Stock."

(iii) Each director elected by the holders of shares of Voting Preferred Stock shall be referred to herein as a "Preferred Director." A Preferred Director so elected shall continue to serve as such director for a term of one year, except that upon any termination of the right of all of such holders to vote as a class for Preferred Directors, the term of office of such directors shall terminate. Any Preferred Director may be removed by, and shall not be removed except by, the vote of the holders of record of a majority of the outstanding shares of Voting Preferred Stock then entitled to vote for the election of directors, present (in person or by proxy) and voting together as a single class (a) at a meeting of the stockholders, or (b) at a meeting of the holders of shares of such Voting Preferred Stock, called for the purpose in accordance with the Bylaws of the Corporation, or (c) by written consent signed by the holders of a majority of the then outstanding shares of Voting Preferred Stock then entitled to vote for the election of directors, taken together as a single class.

(iv) So long as a default in any preference dividends on the Series A Preferred Stock shall exist or the holders of any other series of Voting Preferred Stock shall be entitled to elect Preferred Directors, (a) any vacancy in the office of a Preferred Director may be filled (except as provided in the following clause (b)) by an instrument in writing signed by the remaining Preferred Director and filed with the Corporation and (b) in the case of the removal of any Preferred Director, the vacancy may be filled by the vote or written consent of the holders of a majority of the outstanding shares of Voting Preferred Stock then entitled to vote for the election of directors, present (in person or by proxy) and voting together as a single class, at such time as the removal shall be effected. Each director appointed as aforesaid by the remaining Preferred Director shall be deemed, for all purposes hereof, to be a Preferred Director. Whenever (x) no default in preference dividends on the Series A Preferred Stock shall exist and (y) the holders of any other Series of Voting Preferred Stock shall no longer be entitled to elect such Preferred Directors, then the number of directors of the Corporation shall be reduced by two.

(v) For purposes hereof, a "default in preference dividends" on the Series A Preferred Stock shall be deemed to have occurred whenever the amount of cumulative and unpaid dividends on the Series A Preferred Stock shall be equivalent to six full quarterly dividends or more (whether or not consecutive), and, having so occurred, such default shall be deemed to exist thereafter until, but only until, all cumulative dividends on all shares of the Series A Preferred Stock then outstanding shall have been paid through the last Quarterly Dividend Payment Date or until, but only until, non-cumulative dividends have been paid regularly for at least one year.

(d) Except as set forth herein (or as otherwise required by applicable law), holders of Series A Preferred Stock shall have no general or special voting rights and their consent shall not be required for taking any corporate action

#### Section 4. Certain Restrictions.

(a) Whenever quarterly dividends or other dividends or distributions payable on the Series A Preferred Stock as provided in Section 2 are in arrears, thereafter and until all accrued and unpaid dividends and distributions, whether or not declared, on shares of Series A Preferred Stock outstanding shall have been paid in full, the Corporation shall not

(i) declare or pay dividends, or make any other distributions, on any shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock;

(ii) declare or pay dividends, or make any other distributions, on any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except dividends paid ratably on the Series A Preferred Stock and all such parity stock on which dividends are payable or in arrears in proportion to the total amounts to which the holders of all such shares are then entitled;

(iii) redeem or purchase or otherwise acquire for consideration (except as provided in (iv) below) shares of any stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock, provided that the Corporation may at any time redeem, purchase or otherwise acquire



shares of any such junior stock in exchange for shares of any stock of the Corporation ranking junior (either as to dividends or upon dissolution, liquidation or winding up) to the Series A Preferred Stock;

(iv) redeem or purchase or otherwise acquire for consideration any shares of Series A Preferred Stock, or any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series A Preferred Stock, except in accordance with a purchase offer made in writing or by publication (as determined by the Board of Directors) to all holders of such shares upon such terms as the Board of Directors, after consideration of the respective annual dividend rates and other relative rights and preferences of the respective series and classes, shall determine in good faith will result in fair and equitable treatment among the respective series or classes.

(b) The Corporation shall not permit any subsidiary of the Corporation to purchase or otherwise acquire for consideration any shares of stock of the Corporation unless the Corporation could, under paragraph (a) of this Section 4, purchase or otherwise acquire such shares at such time and in such manner.

Section 5. Reacquired Shares. Any shares of Series A Preferred Stock purchased or otherwise acquired by the Corporation in any manner whatsoever shall be retired and canceled promptly after the acquisition thereof. All such shares shall upon their cancellation become authorized but unissued shares of Preferred Stock and may be reissued as part of a new series of Preferred Stock subject to the conditions and restrictions on issuance set forth herein, in the Certificate of Incorporation, in any other Certificate of Amendment creating a series of Preferred Stock or as otherwise required by law.

#### Section 6. Liquidation, Dissolution or Winding Up.

(a) Subject to the prior and superior rights of holders of any shares of any series of Preferred Stock ranking prior and superior to the shares of Series A Preferred Stock with respect to rights upon liquidation, dissolution or winding up (voluntary or otherwise), no distribution shall be made to the holders of shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series A Preferred Stock unless, prior thereto, the holders of shares of Series A Preferred Stock shall have received \$100 per share, plus an amount equal to accrued and unpaid dividends and distributions thereon, whether or not declared, to the date of such payment (the "Series A Liquidation Preference"). Following the payment of the full amount of the Series A Liquidation Preference, no additional distributions shall be made to the holders of shares of Series A Preferred Stock unless, prior thereto, the holders of shares of Common Stock shall have received an amount per share (the "Capital Adjustment") equal to the quotient obtained by dividing (i) the Series A Liquidation Preference by (ii) 100 (such number in clause (ii), the "Adjustment Number"). Following the payment of the full amount of the Series A Liquidation Preference and the Capital Adjustment in respect of all outstanding shares of Series A Preferred Stock and Common Stock, respectively, holders of Series A Preferred Stock and holders of Common Stock shall receive their ratable and proportionate share of the remaining assets to be distributed in the ratio of the Adjustment Number to 1 with respect to such Preferred Stock and Common Stock, on a per share basis, respectively.

(b) In the event, however, that there are not sufficient assets available to permit payment in full of the Series A Liquidation Preference and the liquidation preferences of all other series of preferred stock, if any, which rank on a parity with the Series A Preferred Stock, then such remaining assets shall be distributed ratably to the holders of Series A Preferred Stock and the holders of such parity shares in proportion to their respective liquidation preferences. In the event, however, that there are not sufficient assets available to permit payment in full of the Capital Adjustment, then such remaining assets shall be distributed ratably to the holders of Common Stock.

Section 7. Consolidation, Merger, etc. In case the Corporation shall enter into any consolidation, merger, combination or other transaction in which the shares of Common Stock are exchanged for or changed into other stock or securities, cash and/or any other property, then in any such case the shares of Series A Preferred Stock shall at the same time be similarly exchanged or changed in an amount per share (subject to the provision for adjustment hereinafter set forth) equal to 100 times the aggregate amount of stock, securities, cash and/or any other property

(payable in kind), as the case may be, into which or for which each share of Common Stock is changed or exchanged.

Section 8. No Redemption. The shares of Series A Preferred Stock shall not be redeemable.

Section 9. Ranking. The Series A Preferred Stock shall rank junior to all other series of the Corporation's Preferred Stock as to the payment of dividends and the distribution of assets, unless the terms of any such series shall provide otherwise.

Section 10. Amendment. The Certificate of Incorporation of the Corporation shall not be further amended in any manner which would materially alter or change the powers, preferences or special rights of the Series A Preferred Stock so as to affect them adversely without the affirmative vote of the holders of a majority or more of the outstanding shares of Series A Preferred Stock, voting separately as a class.

SECOND: The Shares have been reclassified by the Board of Directors  
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pursuant to Article VI of the Charter.

THIRD: These Articles Supplementary have been approved by the Board of  
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Directors in the manner and by the vote required by law.

FOURTH: The undersigned Chairman of the Corporation acknowledges these  
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Articles Supplementary to be the corporate act of the Corporation and, as to all matters or facts required to be verified under oath, the undersigned President acknowledges that to the best of his knowledge, information and belief, these matters and facts are true in all material respects and that this statement is made under the penalties for perjury.

IN WITNESS WHEREOF, the Corporation has caused these Articles Supplementary to be signed in its name and on its behalf by its Chairman and attested to by its Secretary on this \_\_\_\_ day of October, 1998.

ATTEST:

\_\_\_\_\_  
Ronald Morrison  
Secretary

By: \_\_\_\_\_(SEAL)  
Joseph R. Tomkinson  
Chairman

## FORM OF RIGHT CERTIFICATE

NO. R- \_\_\_\_\_ RIGHTS

NOT EXERCISABLE AFTER OCTOBER 19, 2008 OR EARLIER IF REDEEMED BY THE CORPORATION. THE RIGHTS ARE SUBJECT TO REDEMPTION AT \$.0001 PER RIGHT ON THE TERMS SET FORTH IN THE RIGHTS AGREEMENT

## RIGHT CERTIFICATE

IMPAC MORTGAGE HOLDINGS, INC.

This certifies that \_\_\_\_\_ or registered assigns, is the registered owner of the number of Rights set forth above, each of which entitles the owner thereof, subject to the terms, provisions and conditions of that certain Rights Agreement, dated as of October 7, 1998 (the "Rights Agreement"), between Impac Mortgage Holdings, Inc., a Maryland corporation (the "Corporation"), and BankBoston, N.A. (the "Rights Agent"), to purchase from the Corporation at any time after the Distribution Date (as such term is defined in the Rights Agreement) and before 5:00 P.M., Eastern time, on October 19, 2008 unless the Rights evidenced hereby shall have been previously redeemed by the Corporation, at the principal office or offices of the Rights Agent designated for such purpose, or at the office of its successor as Rights Agent, one one-hundredth of a fully paid non-assessable share of Series A Junior Participating Preferred Stock, \$0.01 par value per share (the "Preferred Shares"), of the Corporation, at a purchase price of \$30.00 per one one-hundredth of Preferred Share (the "Purchase Price"), upon presentation and surrender of this Right Certificate with the Form of Election to Purchase duly executed. The number of Rights evidenced by this Right Certificate (and the number of one one-hundredths of a Preferred Share which may be purchased upon exercise hereof) set forth above, and the Purchase Price set forth above, are the number and Purchase Price as of \_\_\_\_\_, 1998, based on the Preferred Shares as constituted at such date.

Upon the occurrence of a Section 11(a)(ii) Event (as such term is defined in the Rights Agreement), if the Rights evidenced by this Right Certificate are beneficially owned by (i) an Acquiring Person or an Affiliate or Associate of any such Acquiring Person (as such terms are defined in the Rights Agreement), (ii) a transferee of any such Acquiring Person, Associate or Affiliate who becomes a transferee after the Acquiring Person becomes such, or (iii) under certain circumstances specified in the Rights Agreement, a transferee of any such Acquiring Person, Associate or Affiliate who becomes a transferee before or concurrently with the Acquiring Person becoming such, such Rights shall become null and void and no holder hereof shall have any right with respect to such Rights from and after the occurrence of such Section 11(a)(ii) Event.

As provided in the Rights Agreement, the Purchase Price and the number of one one-hundredths of a Preferred Share or other securities which may be purchased upon the exercise of the Rights evidenced by this Right Certificate are subject to modification and adjustment upon the happening of certain events, including Triggering Events (as such term is defined in the Rights Agreement).

This Right Certificate is subject to all of the terms, provisions and conditions of the Rights Agreement, which terms, provisions and conditions are hereby incorporated herein by reference and made a part hereof and to which Rights Agreement reference is hereby made for a full description of the rights, limitations of rights, obligations, duties and immunities hereunder of the Rights Agent, the Corporation and the holders of the Right Certificates, which limitations of rights include the temporary suspension of the exercisability of such Rights under the specific circumstances set forth in the Rights Agreement. Copies of the Rights Agreement are on file at the principal executive offices of the Corporation and the principal office or offices of the Rights Agent.

This Right Certificate, with or without other Right Certificates, upon surrender at the principal office of the Rights Agent, may be exchanged for another Right Certificate or Right Certificates of like tenor and date evidencing Rights entitling the holder to purchase a like aggregate number of Preferred Shares or other securities as the Rights evidenced by the Right Certificate or Right Certificates surrendered shall have entitled such holder to purchase. If this Right Certificate shall be exercised in part, the holder shall be entitled to receive upon surrender hereof another Right Certificate or Right Certificates for the number of whole Rights not exercised.

Subject to the provisions of the Rights Agreement, the Rights evidenced by this Certificate may be redeemed by the Corporation at a redemption price of \$.0001 per Right (subject to adjustment as provided in the Rights Agreement) payable in cash.

No fractional Preferred Shares will be issued upon the exercise of any Right or Rights evidenced hereby (other than fractions which are one one-hundredth or integral multiples of one one-hundredth of a Preferred Share, which may, at the election of the Corporation, be evidenced by depository receipts), but in lieu thereof a cash payment will be made, as provided in the Rights Agreement.

No holder of this Right Certificate shall be entitled to vote or receive dividends or be deemed for any purpose the holder of the Preferred Shares or of any other securities of the Corporation which may at any time be issuable on the exercise hereof, nor shall anything contained in the Rights Agreement or herein be construed to confer upon the holder hereof, as such, any of the rights of a stockholder of the Corporation or any right to vote for the election of directors or upon any matter submitted to stockholders at any meeting thereof, or to give or withhold consent to any corporate action, or to receive notice of meetings or other actions affecting stockholders (except as provided in the Rights Agreement), or to receive dividends or other distributions or to exercise any preemptive or subscription rights, or otherwise, until the Right or Rights evidenced by this Right Certificate shall have been exercised as provided in the Rights Agreement.

This Right Certificate shall not be valid or obligatory for any purpose until it shall have been countersigned by the Rights Agent.

WITNESS the facsimile signature of the proper officers of the Corporation and its corporate seal.

Dated as of \_\_\_\_\_, \_\_\_\_.

[SEAL]

IMPAC MORTGAGE HOLDINGS, INC.

Attest:

By \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_  
Name:  
Title:

Countersigned:

BankBoston, N.A.

By \_\_\_\_\_  
Authorized Signatory

Name:  
Title:

Form of Reverse Side of Right Certificate

FORM OF ASSIGNMENT

(To be executed by the registered holder if such holder desires to transfer the Right Certificate.)

FOR VALUE RECEIVED \_\_\_\_\_ hereby sells, assigns and transfers unto

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(Please print name and address of transferee)

this Right Certificate, together with all right, title and interest therein, and does hereby irrevocably constitute and appoint \_\_\_\_\_ Attorney, to transfer the within Right Certificate on the books of the within-named Corporation, with full power of substitution.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature

Signature Guaranteed: \_\_\_\_\_

Signatures must be guaranteed by an eligible guarantor institution (a bank, stockbroker, savings and loan association or credit union with membership in an approved signature guarantee medallion program) pursuant to Rule 17Ad-15 of the Securities Exchange Act of 1934.

The undersigned hereby certifies that (1) the Rights evidenced by this Right Certificate are not being sold, assigned or transferred by or on behalf of a Person who is or was an Acquiring Person or an Affiliate or Associate thereof (as such terms are defined in the Rights Agreement) and (2) after due inquiry and to the best knowledge of the undersigned, the undersigned did not acquire the Rights evidenced by this Right Certificate from any Person who is or was an Acquiring Person or an Affiliate or Associate thereof (as such terms are defined in the Rights Agreement).

\_\_\_\_\_  
Signature

FORM OF ELECTION TO PURCHASE

(To be executed by the registered holder if such holder desires to exercise Rights represented by the Right Certificate.)

To the Rights Agent:

The undersigned hereby irrevocably elects to exercise \_\_\_\_\_ Rights represented by this Right Certificate to purchase the Preferred Shares, Common Shares or other securities issuable upon the exercise of such Rights and requests that certificates for such Preferred Shares, Common Shares or other securities be issued in the name of:

Please insert social security or other identifying number \_\_\_\_\_

\_\_\_\_\_  
(Please print name and address)

If such number of Rights shall not be all the Rights evidenced by this Right Certificate, a new Right Certificate for the balance remaining of such Rights shall be registered in the name of and delivered to:

Please insert social security or other identifying number \_\_\_\_\_

\_\_\_\_\_  
(Please print name and address)

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature

Signature Guaranteed: \_\_\_\_\_

Signatures must be guaranteed by an eligible guarantor institution (a bank, stockbroker, savings and loan association or credit union with membership in an approved signature guarantee medallion program) pursuant to Rule 17Ad-15 of the Securities Exchange Act of 1934.

The undersigned hereby certifies that (1) the Rights evidenced by this Right Certificate are not being sold, assigned or transferred by or on behalf of a Person who is or was an Acquiring Person or an Affiliate or Associate thereof (as such terms are defined in the Rights Agreement) and (2) after due inquiry and to the best knowledge of the undersigned, the undersigned did not acquire the Rights evidenced by this Right Certificate from any Person who is or was an Acquiring Person or an Affiliate or Associate thereof (as such terms are defined in the Rights Agreement).

\_\_\_\_\_  
Signature

#### NOTICE

The signature in the Form of Assignment or Form of Election to Purchase, as the case may be, must conform to the name as written upon the face of this Right Certificate in every particular, without alteration or enlargement or any change whatsoever.

In the event the certification set forth above in the Form of Assignment or the Form of Election to Purchase, as the case may be, is not completed, the Corporation and the Rights Agent will deem the Beneficial Owner of the Rights evidenced by this Right Certificate to be an Acquiring Person or an Affiliate or Associate thereof (as defined in the Rights Agreement), and such Assignment or Election to Purchase will not be honored.

## SUMMARY OF RIGHTS TO PURCHASE PREFERRED SHARES

On October 7, 1998, the Board of Directors of Impac Mortgage Holdings, Inc. (the "Corporation") declared a dividend distribution of one preferred share purchase right (a "Right") for each outstanding share of Common Stock, \$.01 par value per share (the "Common Stock"), of the Corporation. The dividend is payable to stockholders of record on October 19, 1998 (the "Record Date"), and with respect to Common Stock issued thereafter until the Distribution Date (as defined below) and, in certain circumstances, with respect to Common Stock issued after the Distribution Date. Except as set forth below, each Right, when it becomes exercisable, entitles the registered holder to purchase from the Corporation one one-hundredth of a share of Series A Junior Participating Preferred Stock, \$.01 par value per share (the "Preferred Shares"), of the Corporation at a price of \$30.00 per one one-hundredth of a Preferred Share (the "Purchase Price"), subject to adjustment. The description and terms of the Rights are set forth in a Rights Agreement (the "Rights Agreement") between the Corporation and BankBoston, N.A., as Rights Agent (the "Rights Agent") dated as of October 7, 1998.

Initially, the Rights will be attached to all certificates representing Common Stock then outstanding, and no separate Right Certificates will be distributed. The Rights will separate from the Common Stock upon the earliest to occur of (i) ten (10) days after a person or group of affiliated or associated persons has acquired beneficial ownership of 10% or more of the Corporation's outstanding Common Stock (except pursuant to a Permitted Offer, as hereinafter defined); or (ii) ten (10) Business Days (as defined in the Rights Agreement) (or such later date as the Board may determine) following the commencement of, or announcement of an intention to make, a tender offer or exchange offer the consummation of which would result in a person or group becoming an Acquiring Person (as hereinafter defined) (the earliest of such dates being called the "Distribution Date"). A person or group whose acquisition of Common Stock causes a Distribution Date pursuant to clause (i) above is an "Acquiring Person." The date that a person or group becomes an Acquiring Person is the "Shares Acquisition Date."

The Rights Agreement provides that, until the Distribution Date, the Rights will be transferred solely with the Common Stock. Until the Distribution Date (or earlier redemption or expiration of the Rights), new Common Stock certificates issued after the Record Date upon transfer or new issuances of Common Stock will contain a notation incorporating the Rights Agreement by reference. Until the Distribution Date (or earlier redemption or expiration of the Rights), the surrender for transfer of any certificates for Common Stock outstanding as of the Record Date, even if such notation or a copy of the Summary of Rights is not attached thereto, will also constitute the transfer of the Rights associated with the Common Stock represented by such certificate.

As soon as practicable following the Distribution Date, separate certificates evidencing the Rights ("Right Certificates") will be mailed to holders of record of the Common Stock as of the close of business on the Distribution Date (and to each initial record holder of certain Common Stock issued after the Distribution Date), and such separate Right Certificates alone will evidence the Rights.

The Rights are not exercisable until the Distribution Date and will expire at the close of business on October 19, 2008, unless earlier redeemed by the Corporation as described below.

If any person becomes an Acquiring Person (except pursuant to a tender or exchange offer which is for all outstanding Common Stock at a price and on terms which a majority of members of the Board of Directors (who are not also officers of the Corporation or an Acquiring Person or affiliate or associate thereof) determines to be adequate and in the best interests of the Corporation and its stockholders, other than such Acquiring Person, its affiliates and associates (a "Permitted Offer")), each holder of a Right will thereafter have the right (the "Flip-In Right") to receive upon exercise the number of shares of Common Stock (or, in certain circumstances, one one-hundredths of a share of Preferred Shares or other securities of the Corporation) having a market value

(immediately before such triggering event) equal to two times the exercise price of the Right. At such time, all Rights that are beneficially owned by the Acquiring Person or any affiliate, associate or transferee thereof will be null and void.

If at any time following the Shares Acquisition Date, (i) the Corporation is acquired in a merger or other business combination transaction in which the holders of all of the outstanding Common Shares immediately before the consummation of the transaction are not the holders of all of the surviving corporation's voting power, or (ii) more than 50% of the Corporation's assets or earning power are sold or transferred, in either case with or to an Acquiring Person or any affiliate or associate or any other person in which such Acquiring Person, affiliate or associate has an interest or any person acting on behalf of or in concert with such Acquiring Person, affiliate or associate, or, if in such transaction all holders of Common Stock are not treated alike, then each holder of a Right (except Rights which previously have been voided as set forth above) shall thereafter have the right (the "Flip-Over Right") to receive, upon exercise, common shares of the acquiring company having a value equal to two times the exercise price of the Right. The holder of a Right will continue to have the Flip-Over Right only to the extent that the Flip-In Right has not previously been exercised.

The Purchase Price payable and the number of Preferred Shares, shares of Common Stock or other securities issuable upon exercise of the Rights are subject to adjustment from time to time to prevent dilution (i) in the event of a stock dividend on, or a subdivision, combination or reclassification of the Preferred Shares, (ii) upon the grant to holders of the Preferred Shares of certain rights or warrants to subscribe for or purchase Preferred Shares at a price (or conversion price as the case may be), less than the then current market price of the Preferred Shares or (iii) upon the distribution to holders of the Preferred Shares of evidences of indebtedness or assets (excluding regular quarterly cash dividends) or of subscription rights or warrants (other than those referred to above).

The number of outstanding Rights and the number of one one-hundredths of a Preferred Share issuable upon exercise of each Right are also subject to adjustment in the event of a stock split of the Common Stock or a stock dividend on the Common Stock payable in Common Stock or subdivisions, consolidations or combinations of the Common Stock occurring, in any such case, before the Distribution Date.

Preferred Shares purchasable upon exercise of the Rights will not be redeemable. Each Preferred Share will be entitled to a minimum preferential quarterly dividend payment of \$1.00 per share but, if greater, will be entitled to an aggregate dividend per share of 100 times the dividend declared per share of Common Stock. In the event of liquidation, the holders of the Preferred Shares will be entitled to a minimum preferential liquidation payment of \$1.00 per share, plus accrued and unpaid dividends; thereafter, and after the holders of the Common Stock receive a liquidation payment of \$1.00 per share (as adjusted), the holders of the Preferred Shares and the holders of the Common Stock will share the remaining assets in the ratio of 100 to 1 (as adjusted) for each Preferred Share and share of Common Stock so held, respectively. Finally, in the event of any merger, consolidation or other transaction in which Common Stock is exchanged, each Preferred Share will be entitled to receive 100 times the amount received per share of Common Stock. The rights are protected by customary antidilution provisions. In the event that the amount of accrued and unpaid dividends on the Preferred Shares is equivalent to six full quarterly dividends or more (whether or not consecutive), the holders of the Preferred Shares shall have the right, voting as a class, to elect two directors until all cumulative dividends on the Preferred Shares have been paid through the last quarterly dividend payment date or until non-cumulative dividends have been paid regularly for at least one year.

With certain exceptions, no adjustment to the Purchase Price will be required until cumulative adjustments require an adjustment of at least 1% in such Purchase Price. No fractional Preferred Shares will be issued (other than fractions which are one one-hundredth or integral multiples of one one-hundredth of a Preferred Share, which may, at the election of the Corporation, be evidenced by depository receipts) and in lieu thereof, a payment in cash will be made based on the market price of the Preferred Shares on the last Trading Day (as defined in the Rights Agreement) before the date of exercise.



At any time before the earlier to occur of (i) a person becoming an Acquiring Person, (ii) the expiration of the Rights, or (iii) in certain circumstances, after the Shares Acquisition Date, the Corporation may redeem all but not less than all of the Rights at a price of \$.0001 per Right (the "Redemption Price") which redemption shall be effective upon the action of the Board of Directors.

All of the provisions of the Rights Agreement may be amended by the Board of Directors of the Corporation before the Distribution Date. After the Distribution Date, the provisions of the Rights Agreement may be amended by the Board in order to cure any ambiguity, defect or inconsistency, to make changes which do not adversely affect the interests of holders of Rights (excluding the interests of any Acquiring Person), or, subject to certain limitations, to shorten or lengthen any time period under the Rights Agreement.

A copy of the Rights Agreement has been filed with the Securities and Exchange Commission as an Exhibit to a Registration Statement on Form 8-A, dated October \_\_, 1998. A copy of the Rights Agreement is available free of charge from the Corporation. This summary description of the Rights does not purport to be complete and is qualified in its entirety by reference to the Rights Agreement, which is hereby incorporated herein by reference.