

**CERTIFICATE OF  
JPMORGAN CHASE BANK, NATIONAL ASSOCIATION**

I, Carin S. Reddish, DO HEREBY CERTIFY that I am a duly elected and qualified Assistant Corporate Secretary of JPMorgan Chase Bank, National Association, a national banking association duly organized and existing under the laws of the United States of America (the "Bank") and that set forth below is a true and correct copy of a resolution adopted at a meeting of the Board of Directors of the Bank on March 16, 2021, which meeting was properly called and held and at which a quorum was present and voted in favor of said resolution. I further certify that said resolution, at the date hereof, is still in full force and effect.

RESOLVED, that the By-laws of JPMorgan Chase Bank, N.A. are hereby amended to read substantially in the form presented to this meeting.

I DO HEREBY FURTHER CERTIFY, that attached hereto is a true and correct copy of the By-Laws of the Bank dated March 16, 2021.

IN WITNESS WHEREOF, I have subscribed my name on this Certificate of JPMorgan Chase Bank, National Association this 25th day of March, 2021.



---

Carin S. Reddish  
Assistant Corporate Secretary

The undersigned member of the Board of Directors hereby verifies, on this 31 day of March, 2021, that the resolution set forth above was duly adopted, and the By-Laws dated March 16, 2021 which are attached to this Certificate were approved, by the Board of Directors of JPMorgan Chase Bank, National Association on March 16, 2021.



---

James Dimon  
Member of the Board of Directors of JPMorgan Chase Bank, National Association

**BY-LAWS**

**JPMorgan Chase Bank, National Association**

March 16, 2021

## TABLE OF CONTENTS

<u>Article</u>		SUBJECT
<b>I</b>	<b>Meetings of Shareholders</b>	
	Section 1.01	Shareholders' Meeting
	Section 1.02	Consent in Lieu of Meeting of Shareholders
<b>II</b>	<b>Board of Directors</b>	
	Section 2.01	Number
	Section 2.02	Qualifications
	Section 2.03	Oath
	Section 2.04	Vacancies
	Section 2.05	Annual Meeting
	Section 2.06	Regular Meetings
	Section 2.07	Special Meetings
	Section 2.08	Quorum; Majority Vote
	Section 2.09	Compensation
<b>III</b>	<b>Committees of the Board</b>	
	Section 3.01	Committees
	Section 3.02	Committees of the Board of Directors of the Bank's Parent Holding Company
<b>IV</b>	<b>Officers and Agents</b>	
	Section 4.01	Officers
	Section 4.02	Other Employees
	Section 4.03	Term of Office
	Section 4.04	Chair of the Board
	Section 4.05	Chief Executive Officer
	Section 4.06	President
	Section 4.07	Secretary
	Section 4.08	Assistant Corporate Secretary
	Section 4.09	Powers and Duties of Other Officers
	Section 4.10	Fidelity Bonds
<b>V</b>	<b>Indemnification</b>	
	Section 5.01	Right to Indemnification and Advancement of Expenses
	Section 5.02	Contracts and Funding
	Section 5.03	Definitions
	Section 5.04	Indemnification and Advancement of Expenses Not Exclusive Right
	Section 5.05	Claims for Indemnification or Advancement of Expenses; Procedures
	Section 5.06	Amendment or Repeal
<b>VI</b>	<b>By-laws and Construction</b>	
	Section 6.01	Inspection
	Section 6.02	Amendments
	Section 6.03	Construction

<b>VII</b>	<b>Miscellaneous</b>	
	Section 7.01.	Seal
	Section 7.02.	Fiscal Year
	Section 7.03.	Waiver of Notice
	Section 7.04.	Electronic Meetings
	Section 7.05.	Action Without Meeting
	Section 7.06.	Governing Law
	Section 7.07.	Safety and Soundness of the Bank
	Section 7.08	Stock Certificates
<b>VIII</b>	<b>Emergency By-laws</b>	
	Section 8.01	Emergency By-laws
	Section 8.02	Meetings
	Section 8.03	Quorum
	Section 8.04	Amendments
	Section 8.05	Management Contingency Plan
	Section 8.06	Liability
	Section 8.07	Repeal or Change
	Section 8.08	Termination of Emergency
	Section 8.09	Powers

**BY-LAWS**  
**OF**  
**JPMORGAN CHASE BANK, NATIONAL ASSOCIATION**

**ARTICLE I**

**Meetings of Shareholders**

**Section 1.01. Shareholders' Meetings.** The regular annual meeting of the shareholders of JPMorgan Chase Bank, National Association (the "Bank") for the election of directors and the transaction of whatever other business may properly come before the meeting shall be held at the main banking office of the Bank or any other convenient place the Board of Directors may designate, on such date as may be designated by the Board of Directors. Special meetings of the shareholders may be called by the Chair of the Board (herein called the "Chair" or "Chair of the Board"), the Chief Executive Officer, the President, or the Secretary. The time and place of each special meeting shall be designated by the Board and shall be included in a notice of meeting.

**Section 1.02. Consent in Lieu of Meeting of Shareholders.** Except as otherwise required by applicable laws and regulations, any action that may be taken at the annual meeting or any special meeting of the shareholders may also be taken without a meeting if all of the persons who would be entitled to vote thereon consent thereto in writing or by electronic transmission and such consent or consents are filed with the Secretary of the Bank as part of the corporate records.

**ARTICLE II**

**Board of Directors**

**Section 2.01. Number.** The business and affairs of the Bank shall be managed by or under the direction of a Board of Directors, of such number as may be fixed from time to time by resolution adopted by the Board, but in no event less than 5 or more than 25. Each director hereafter elected shall hold office until the next annual meeting of the shareholders and until a successor is elected and has qualified, or until such director's earlier death, resignation, or removal.

**Section 2.02. Qualifications.** During the entire term of service, each director of the Bank, unless otherwise permitted under the laws of the United States, must be a citizen of the United States and must own, in such director's own right, capital stock in the Bank or in a company that controls the Bank, in such amounts as required by applicable statute or regulation.

**Section 2.03. Oath.** Each person appointed or elected a director of the Bank must, prior to exercising the functions of such office, take the oath of such office in the form prescribed by the Comptroller of the Currency.

**Section 2.04. Vacancies.** In case of any increase in the number of directors, the additional director or directors, and in case of any vacancy in the Board due to death, resignation, removal, disqualification or any other cause, the successors to fill the vacancies shall be elected by action of the shareholders or, subject to the limits specified in 12 CFR Part 7, a majority of the directors then in office.

**Section 2.05. Annual Meeting.** An annual meeting of the directors shall be held each year at such time and place as shall be designated by the Board. At such meeting, the directors may elect from their own number a Chair of the Board, a Chief Executive Officer, and a President, and shall elect or appoint such other officers authorized by these By-laws, and appoint such Committees consistent with Article III hereof, as they may deem desirable.

**Section 2.06. Regular Meetings.** The Board may hold regular meetings, without notice, at such times and places as the Board may from time to time determine.

**Section 2.07. Special Meetings.** Special meetings of the Board of Directors may be called by the Chair of the Board, the Chief Executive Officer, the President, or a majority of the directors then in office. Unless waived, each member of the Board of Directors shall be given notice by telephone, in person, or in writing by facsimile transmission, hand delivery, courier service, first-class mail, certified mail, express mail, email or other electronic means, stating the time and place of each special meeting.

**Section 2.08. Quorum; Majority Vote.** Except as otherwise provided herein or as required by applicable law, a majority of the members of the entire Board (or the next highest integer in the event of a fraction) shall constitute a quorum, and a majority of those present and voting at any meeting of the Board of Directors shall decide each matter considered. If less than a quorum be present, a majority of those present may adjourn any meeting from time to time and the meeting may be held as adjourned without further notice.

**Section 2.09 Compensation.** Directors shall be entitled to receive from the Bank such amount per annum and in addition, or in lieu thereof, such fees for attendance at meetings of the Board or of any committee, or both, and reimbursement for any expenses paid by them on account of their attendance at any such meeting, as the Board, or the Board of the Corporation (defined in Section 3.02) or a committee thereof (pursuant to Section 3.02), from time to time shall determine.

## ARTICLE III

### Committees of the Board

**Section 3.01. Committees.** The Board may designate an Executive Committee of the Board which, when the Board is not in session, shall have and may exercise all the powers of the Board that lawfully may be delegated and may designate, from time to time, such other Committees composed of not less than one of its members for such purposes and with such duties and powers as the Board may determine. Membership in each such Committee shall be as established from time to time by the Board, and the Board may designate a chair or co-chair for each Committee. In the absence of the chair of the Committee, the director designated by the Committee chair or by the Committee shall preside at a meeting of the Committee. All acts done and powers conferred by any Committee from time to time shall be deemed to be, and may be certified as being done or conferred under authority of the Board. A Committee may delegate its duties to one or more subcommittees composed of one or

more members of the Committee. Each Committee may fix its own rules and procedures, in the absence of which the provisions of the Articles of Association and these By-laws with respect to meetings of the Board shall apply to Committees and their members. The minutes of the meetings of each Committee, or a summary of actions taken by each Committee, shall be submitted at the next regular meeting of the Board at which a quorum is present, or, if impracticable, at the next such subsequent meeting.

**Section 3.02. Committees of the Board of Directors of the Bank's Parent Holding Company.** The Audit Committee, Compensation & Management Development Committee, Corporate Governance & Nominating Committee, Public Responsibility Committee, and Risk Committee of the Board of Directors of JPMorgan Chase & Co. (the "Corporation"), the Bank's parent holding company, shall have full and complete authority to act for and on behalf of this Bank in the exercise of the authority granted to the committees by the Board of Directors of the Corporation.

## ARTICLE IV

### Officers and Agents

**Section 4.01. Officers.** The officers of the Bank may include a Chair of the Board, a Chief Executive Officer, and a President, each of whom must be a director and shall be elected by the Board; and such other officers as may from time to time be elected by the Board or under its authority, or appointed by or under the authority of the Chair of the Board, the Chief Executive Officer, or the President. The Board may determine that the Chair of the Board is a non-executive position, in which case the second sentence of Section 4.04 of this Article IV shall not apply.

**Section 4.02. Other Employees.** The Board of Directors may delegate others to appoint agents and employees, and to further delegate and define their duties, fix their compensation and dismiss them.

**Section 4.03. Term of Office.** All officers, agents, and employees appointed by the Board of Directors, or under its authority, shall hold office at the pleasure of the Board.

**Section 4.04. Chair of the Board.** The Chair of the Board shall preside at all meetings of the shareholders and at all meetings of the Board. The Chair shall have the same power to perform any act on behalf of the Bank and to sign for the Bank as is prescribed in these By-laws for the Chief Executive Officer. The Chair shall perform such other duties as from time to time may be prescribed by the Board.

**Section 4.05. Chief Executive Officer.** The Chief Executive Officer shall be the chief executive officer of the Bank and shall have, subject to the control of the Board and the Chair, general supervision and direction of the policies and operations of the Bank and of its several officers other than the Chair. In the absence of the Chair, the Chief Executive Officer shall preside at all meetings of the shareholders and at all meetings of the Board. The Chief Executive Officer shall have the power to execute any document or perform any act on behalf of the Bank, including without limitation the power to sign checks, orders, contracts, leases, notes, drafts and other documents and instruments in connection with the business of the Bank, and together with the Secretary or an Assistant Corporate Secretary execute conveyances of real estate and other documents and instruments to which the seal of the Bank may be affixed. The Chief Executive Officer shall perform such other duties as from time to time may be prescribed by the Board.

**Section 4.06. President.** The President shall, subject to the direction and control of the Board, the Chair and the Chief Executive Officer, participate in the supervision of the policies and operations of the Bank. In general, the President shall perform all duties incident to the office of President, and such other duties as from time to time may be prescribed by the Board, the Chair, or the Chief Executive Officer. In the absence of the Chair or the Chief Executive Officer, the President shall preside at meetings of shareholders and of the Board. The President shall have the same power to sign for the Bank as is prescribed in these By-laws for the Chief Executive Officer.

**Section 4.07. Secretary.** The Secretary shall record all the proceedings of the meetings of the shareholders, the Board and the Board committees in one or more books kept for that purpose; see that all notices are duly given in accordance with the provisions of these By-laws or as required by law; be the custodian of the seal of the Bank, and may see that such seal or a facsimile thereof is affixed to any documents the execution of which on behalf of the Bank is duly authorized and may attest such seal when so affixed; and in general, perform all duties incident to the office of the Secretary and such other duties as from time to time may be prescribed by the Board, the Chair, the Chief Executive Officer, or the President.

**Section 4.08 Assistant Corporate Secretary.** At the request of the Secretary, or in the case of the Secretary's absence or inability to act, any Assistant Corporate Secretary shall perform the duties of the Secretary and, when so acting, shall have all the powers of, and be subject to all the restrictions upon, the Secretary. Each Assistant Corporate Secretary is authorized to attest to the seal of the Bank, proceedings of meetings of the shareholders, the Board and Board committees, and other corporate records of the Bank for which the Secretary is responsible, and in general, to perform all duties incident to the office of Assistant Corporate Secretary and such other duties as from time to time may be prescribed by the Board, the Chair, the Chief Executive Officer, the President, or the Secretary.

**Section 4.09. Powers and Duties of Other Officers.** The powers and duties of all other officers of the Bank shall be those usually pertaining to their respective offices, subject to the direction and control of the Board and as otherwise provided in these By-laws.

**Section 4.10. Fidelity Bonds.** The Board, in its discretion, may require any or all officers, agents, and employees of the Bank to give bonds covering the faithful performance of their duties or may obtain insurance covering the same, in either case in form and amount approved by the Board, the premiums thereon to be paid by the Bank.

## ARTICLE V

### Indemnification

**Section 5.01. Right to Indemnification and Advancement of Expenses.** The Bank shall to the fullest extent permitted by applicable law as then in effect indemnify any person (the "Indemnitee") who was or is involved in any manner (including, without limitation, as a party or a witness), or is threatened to be made so involved, in any threatened, pending or completed investigation, claim, action, suit or proceeding, whether civil, administrative or investigative (including, without limitation, any action, suit or proceeding by or in the right of the Bank to procure a judgment in its favor, but excluding any action, suit, or proceeding, or part thereof, brought by such person (including without limitation an action, suit or proceeding against the Bank or any affiliate of the Bank) unless consented to by the Bank) (a "Proceeding") by reason of the fact that such person is or was a director,



officer, or employee of the Bank, or is or was serving at the request of the Bank as a director, officer, or employee of another corporation, partnership, joint venture, trust or other enterprise against all expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such Indemnitee in connection with such Proceeding (or part thereof). Such indemnification shall be a contract right. Each Indemnitee shall also have the right to receive payment in advance of any expenses incurred by the Indemnitee in connection with such Proceeding, consistent with the provisions of applicable law as then in effect.

**Section 5.02. Contracts and Funding.** The Bank may enter into contracts with any director, officer, or employee of the Bank in furtherance of the provisions of this Article V and may create a trust fund, grant a security interest or use other means (including, without limitation, a letter of credit) to ensure the payment of such amounts as may be necessary to effect indemnification and/or advancement of expenses as provided in this Article V.

**Section 5.03. Definitions.** For purposes of this Article V, references to "other enterprises" shall include employee benefit plans; references to "fines" shall include any excise taxes assessed on a person with respect to any employee benefit plan; and references to "serving at the request of the Bank" shall include any service as a director, officer, or employee of the Bank which imposes duties on, or involves services by, such director, officer, or employee with respect to an employee benefit plan, its participants, or beneficiaries; and a person who acted in good faith and in a manner the person reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner not opposed to the best interest of the corporation.

**Section 5.04. Indemnification and Advancement of Expenses Not Exclusive Right.** The right of indemnification and advancement of expenses provided in this Article V shall not be exclusive of any other rights to which a person seeking indemnification and/or advancement of expenses may otherwise be entitled, under any statute, by-law, agreement, vote of shareholders or disinterested directors or otherwise, both as to action in the person's official capacity and as to action in another capacity while holding such office. The provisions of this Article V shall inure to the benefit of the heirs and legal representatives of any person entitled to indemnity and/or advancement of expenses under this Article V and shall be applicable to Proceedings commenced or continuing after the adoption of this Article V whether arising from acts or omissions occurring before or after such adoption.

**Section 5.05. Claims for Indemnification or Advancement of Expenses; Procedures.** In furtherance, but not in limitation, of the foregoing provisions, the following procedures and remedies shall apply with respect to advancement of expenses and the right to indemnification under this Article V:

(a) Advancement of Expenses. All reasonable expenses incurred by or on behalf of the Indemnitee in connection with any Proceeding shall be advanced to the Indemnitee by the Bank within 30 days after the receipt by the Bank of a statement or statements from the Indemnitee requesting such advance or advances from time to time, whether prior to or after final disposition of such Proceeding. Such statement or statements shall reasonably evidence the expenses incurred by the Indemnitee. In addition, such statement or statements shall, to the extent required by law at the time of such advance, and otherwise except as may be determined by or under the authority of the General Counsel, include or be accompanied by a written undertaking by or on behalf of the Indemnitee to repay the amounts advanced if it should ultimately be determined that the Indemnitee is not entitled to be indemnified

against such expenses. Notwithstanding the absence of such a written undertaking, acceptance of any such advancement of expenses shall constitute such an undertaking by the Indemnitee.

(b) Written Request for Indemnification. To obtain indemnification under this Article VII, an Indemnitee shall submit to the Secretary of the Bank a written request, including such documentation and information as is reasonably available to the Indemnitee and reasonably necessary to determine whether and to what extent the Indemnitee is entitled to indemnification (the "Supporting Documentation"). The determination of the Indemnitee's entitlement to indemnification shall be made within a reasonable time after receipt by the Bank of the written request for indemnification together with the Supporting Documentation.

(c) Procedure for Determination. Where the Indemnitee is a current or former director or a current officer of the Bank, the Indemnitee's entitlement to indemnification under this Article V shall be determined (i) by a majority vote of the directors who are not parties to such Proceeding, even though less than a quorum, (ii) by a committee of such directors designated by a majority vote of such directors, even though less than a quorum, (iii) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (iv) by the shareholders. Where the Indemnitee is not a current or former director or a current officer of the Bank, the Indemnitee's entitlement to indemnification under this Article V may be determined by the General Counsel. For purposes of this Article V, the term "officer," when used with respect to the Bank, shall mean those officers of the Bank who are determined by the Board to be "executive officers" of the Bank.

**Section 5.06 Amendment or Repeal.** Any repeal or modification of the foregoing provisions of this Article V shall not adversely affect any right or protection hereunder of any Indemnitee in respect of any act or omission occurring prior to the time of such repeal or modification.

## ARTICLE VI

### By-laws and Construction

**Section 6.01. Inspection.** A copy of the By-laws shall at all times be kept in a convenient place at the principal office of the Bank or the Office of the Secretary, and shall be open for inspection by shareholders during banking hours.

**Section 6.02. Amendments.** These By-laws may be added to, amended, altered or repealed by action of the shareholders, or by vote of a majority of the entire Board at any meeting of the Board. No amendment may be made unless the By-laws, as amended, are consistent with the requirements of the laws of the United States and of the Articles of Association of the Bank.

**Section 6.03. Construction.** The title of Chair or Chair of the Board shall be deemed to include the following titles of the Bank which may be used or referenced interchangeably and shall have the same powers, authorities and responsibilities: Chair, Chair of the Board, Chairperson, Chairperson of the Board, Chairman, Chairman of the Board, Chairwoman, and Chairwoman of the Board.