State of Delaware Secretary of State Division of Corporations Delivered 03:50 PM 02/28/2017 FILED 04:02 PM 02/28/2017 SR 20171422000 - File Number 4381465

STATE OF DELAWARE CERTIFICATE OF AMENDMENT OF CERTIFICATE OF INCORPORATION

The corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware does hereby certify: FIRST: That at a meeting of the Board of Directors of Bats Global Markets Holdings, Inc. resolutions were duly adopted setting forth a proposed amendment of the Certificate of Incorporation of said corporation, declaring said amendment to be advisable and calling a meeting of the stockholders of said corporation for consideration thereof. The resolution setting forth the proposed amendment is as follows: RESOLVED, that the Certificate of Incorporation of this corporation be amended by changing the Article thereof numbered "SEVENTH amended, said Article shall be and read as follows: 4. The sole stockholder of the Corporation is CBOE V, LLC. SECOND: That thereafter, pursuant to resolution of its Board of Directors, a special meeting of the stockholders of said corporation was duly called and held upon notice in accordance with Section 222 of the General Corporation Law of the State of Delaware at which meeting the necessary number of shares as required by statute were voted in favor of the amendment, THIRD: That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware. IN WITNESS WHEREOF, said corporation has caused this certificate to be day of February signed this Authorized Officer Title: President & CEO

Name: Chris Concannon

Print or Type

State of Delaware
Secretary of State
Division of Corporations
Delivered 09:17 AM 02/19/2016
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SR 20160942104 - File Number 4381465

STATE OF DELAWARE CERTIFICATE OF AMENDMENT OF CERTIFICATE OF INCORPORATION

The corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware does hereby certify: FIRST: That at a meeting of the Board of Directors of BATS GLOBAL MARKETS HOLDINGS, INC. resolutions were duly adopted setting forth a proposed amendment of the Certificate of Incorporation of said corporation, declaring said amendment to be advisable and calling a meeting of the stockholders of said corporation for consideration thereof. The resolution setting forth the proposed amendment is as follows: RESOLVED, that the Certificate of Incorporation of this corporation be amended by changing the Article thereof numbered " FIRST " so that, as amended, said Article shall be and read as follows:		
FIRST: The name of the "Corporation" is Bats Global Markets Holdings, Inc. (the "Corporation").		
SECOND: That thereafter, pursuant to resolution of its Board of Directors, a special meeting of the stockholders of said corporation was duly called and held upon notice in accordance with Section 222 of the General Corporation Law of the State of Delaware at which meeting the necessary number of shares as required by statute were voted in favor of the amendment. THIRD: That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.		
IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this		
Title: President		
Name: Chris Concannon Print or Type		

State of Delaware Secretary of State Division of Corporations Delivered 09:38 AM 01/31/2014 FILED 09:38 AM 01/31/2014 SRV 140115483 - 4381465 FILE

CERTIFICATE OF MERGER

MERGING

BLUE MERGER SUB INC.

INTO

BATS GLOBAL MARKETS, INC.

Pursuant to the provisions of § 251 of the Delaware General Corporation Law

BATS Global Markets, Inc., a Delaware corporation (the "Company"), which desires to merge with Blue Merger Sub Inc., a Delaware corporation (the "Merger Co."), hereby certifies that:

FIRST: The name and state of incorporation of each of the constituent corporations of the merger are as follows:

Name	State of Incorporation
Blue Merger Sub Inc.	Delaware
BATS Global Markets, Inc.	Delaware

SECOND: The Agreement and Plan of Merger dated as of August 23, 2013, as amended (the "Merger Agreement") among Direct Edge Holdings LLC, a Delaware limited liability company, BATS Global Markets Holdings, Inc., a Delaware corporation, Delta Merger Sub LLC, a Delaware limited liability company, Cole, Schotz, Meisel, Forman & Leonard, P.A., solely in its capacity as representative of the members of Direct Edge Holdings LLC and each of the constituent corporations has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with § 251 of the Delaware General Corporation Law (the "DGCL").

THIRD: The Company is the surviving corporation of the merger, and the name of the surviving corporation shall be "BATS Global Markets Holdings, Inc."

FOURTH: The merger shall be effective as of the time of the filing of this Certificate of Merger.

FIFTH: By reason of the merger herein certified, the Certificate of Incorporation of the Company is to be amended and restated in its entirety as set forth in Exhibit A hereto and shall be the Certificate of Incorporation of the surviving corporation until amended and changed pursuant to the provisions of the DGCL.

SIXTH: The executed Merger Agreement is on file at the office of the surviving corporation at 8050 Marshall Dr., Suite 120, Lenexa, KS 66214.

SEVENTH: A copy of the Merger Agreement will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Merger this 315+ day of January, 2014.

BATS GLOBAL MARKETS, INC.

Name: Joe Ratterman
Title: President & Chief
Executive Officer

EXHIBIT A: Amended and Restated Certificate of Incorporation

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF BATS GLOBAL MARKETS HOLDINGS, INC.

FIRST: The name of the corporation is: BATS Global Markets Holdings, Inc. (the "Corporation").

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

THIRD: The nature of the business or purposes to be conducted or promoted by the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

FOURTH: The total number of shares of stock which the Corporation shall have authority to issue is One Thousand (1,000) shares of Common Stock, \$0.01 par value per share.

FIFTH: In furtherance of and not in limitation of powers conferred by statute, it is further provided:

- 1. The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors of the Corporation (the "Board").
- Nothing contained in this Certificate of Incorporation or the Bylaws of the Corporation shall be applicable where the application of such provision or provisions would interfere with the effectuation of any decisions relating to regulatory functions of each Exchange Subsidiary (including disciplinary matters) or the structure of the market that each Exchange Subsidiary regulates, or would interfere with the ability of each Exchange Subsidiary to carry out its responsibilities under the Securities Exchange Act of 1934 or to oversee the market that each Exchange Subsidiary regulates, which functions or responsibilities shall include the ability of the Exchange Subsidiary as a selfregulatory organization to prevent fraudulent and manipulative acts and practices; promote just and equitable principles of trade; foster cooperation and coordination with persons engaged in regulating, clearing, settling, processing information with respect to, and facilitating transactions in securities; remove impediments to and perfect the mechanism of a free and open market and a national market system; and, in general, protect investors and the public interest. For purposes of this Certificate of Incorporation, "Exchange Subsidiary" shall mean any subsidiary of the Corporation that is registered with the Securities and Exchange Commission as a national securities exchange, as provided in Section 6 of the Securities Exchange Act of 1934 (the "Exchange Act").
 - Election of directors need not be by written ballot.
- 4. The Board is expressly authorized to adopt, amend, alter or repeal the Bylaws of the Corporation.

- 5. The Bylaws may also be amended, altered or repealed, or new bylaws may be adopted, by action taken by the stockholders of the Corporation.
- 6. Any member of the Board may be removed with or without cause by a majority vote of the stockholders.

SIXTH:

- 1. Except to the extent that the General Corporation Law of Delaware prohibits the elimination or limitation of liability of directors tor breaches of fiduciary duty, no director of the Corporation shall be personally liable to the Corporation or its stockholders for monetary damages for any breach of fiduciary duty as a director, notwithstanding any provision of law imposing such liability; provided, however, that any indemnity under this Article Sixth, other than as specifically set forth herein, shall be provided out of and to the extent of the Corporation's assets only and excluding any Regulatory Funds. For purposes of this Certificate of Incorporation, "Regulatory Funds" shall mean any fees, fines or penalties derived from the regulatory operations of an Exchange Subsidiary; provided that Regulatory Funds shall not include revenues derived from listing fees, market data revenues, transaction revenues or any other aspect of the commercial operations of such Exchange Subsidiary, even if a portion of such revenues are used to pay costs associated with the regulatory operations of such Exchange Subsidiary.
- 2. No amendment to or repeal of this provision shall apply to or have any effect on the liability or alleged liability of any director of the Corporation for or with respect to any acts or omissions of such director occurring prior to such amendment.

SEVENTH:

- 1. The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute and this Certificate of Incorporation, and all rights conferred upon stockholders herein are granted subject to this reservation.
- 2. The approval contemplated by this Article Seventh shall not be required to the extent that: (a) such approval requirements would cause the Corporation not to be in compliance with U.S. federal securities laws and the rules and regulations thereunder; or (b) would adversely impact the regulatory authority of an Exchange Subsidiary.
- 3. For so long as the Corporation shall control, directly or indirectly, an Exchange Subsidiary, before any amendment to or repeal of any provision of this Certificate of Incorporation shall be effective, those changes shall be submitted to the board of directors of each Exchange Subsidiary and if the same must be filed with, or filed with and approved by, the Securities and Exchange Commission (the "SEC") before the changes may be effective under Section 19 of the Exchange Act and the rules promulgated under the Exchange Act or otherwise, then the proposed changes to this Certificate of Incorporation shall not be effective until filed with, or filed with and approved by, the SEC, as the case may be.

4. The sole stockholder of the Corporation is Blue Global Markets Holdings, Inc.