

CBOE Holdings, Inc.  
Form 8-A12B  
June 11, 2010

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

WASHINGTON, D.C. 20549

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**FORM 8-A**

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES**

**PURSUANT TO SECTION 12(b) OR (g) OF THE**

**SECURITIES EXCHANGE ACT OF 1934**

**CBOE HOLDINGS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or Other Jurisdiction of  
Incorporation or Organization)

**20 5446972**

(IRS Employer Identification No.)

**c/o Chicago Board Options Exchange, Incorporated**

**400 South LaSalle Street**

**Chicago, Illinois**

(Address of principal executive offices)

**60605**

(Zip Code)

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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**Unrestricted Common Stock, par value \$0.01 per share**

**Nasdaq Global Select Market**

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.  x

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.  o

Securities Act registration statement file number to which this form relates: **333-165393**

Securities to be registered pursuant to Section 12(g) of the Act: **None**

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

The description of the Unrestricted Common Stock, par value \$0.01 per share, of CBOE Holdings, Inc. (the Registrant) as included under the caption "Description of Capital Stock" in the prospectus forming a part of the Registration Statement on Form S-1, as originally filed with the Securities and Exchange Commission (the Commission) on March 11, 2010 (Registration No. 333-165393), including exhibits, as amended (the Registration Statement), is hereby incorporated by reference. In addition, the above-referenced description included in any prospectus relating to the Registration Statement filed with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

**Item 2. Exhibits.**

Pursuant to the Instructions as to Exhibits for Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on the Nasdaq Global Select Market, and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934.

**SIGNATURE**

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, thereto duly authorized.

Date: June 11, 2010

CBOE HOLDINGS, INC.

By */s/ Joanne Moffic-Silver*  
Joanne Moffic-Silver  
*Executive Vice President,*  
*General Counsel and Corporate Secretary*