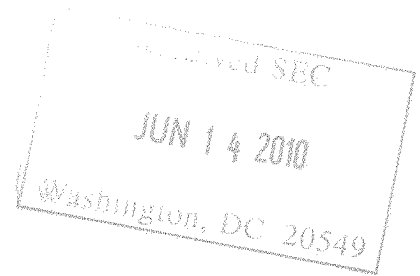




THE NASDAQ STOCK MARKET
8800 BLACKWELL ROAD
ROCKVILLE, MD 20850



P. William Slattery
Vice President
Listing Qualifications



10012599

By Facsimile and First Class Mail

June 14, 2010

Ms. Cecile Peters
Chief, IT Services
Division of Corporation Finance
U.S. Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

CERTINAS

001-34774

Dear Ms. Peters:

This is to certify that on June 11, 2010 The Nasdaq Stock Market (the "Exchange") received from **CBOE Holdings, Inc.** (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following securities:

Unrestricted Common Stock, par value \$0.01 per share

We further certify that the securities described above have been approved by the Exchange for listing and registration upon official notice of issuance.

We understand that the Registrant is seeking effectiveness of the Form 8-A 12(b) concurrently with effectiveness of its 1933 Act Registration Statement, and we hereby join in such request.

Sincerely,

William Slattery