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NASDAQ
THE NASDAQ OMX GROUP

William Slattery, CFA
Vice President
Listing Qualifications

Received SEC

MAR 12 2014

By Electronic Mail

March 12, 2014

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

Washington, DC 20549
CERT NAB
File No. 001-36344

Dear Mr. Thomas:

This is to certify that on March 11, 2014 The Nasdaq Stock Market (the "Exchange") received from Ignyta, Inc. (the "Registrant") a copy of the Registrant's application on 8A 12(b) for the registration of the following security:

Common Stock, \$0.00001 par value per share

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

We understand that the Registrant is seeking immediate acceleration of the effective date of registration, and we hereby join in such request.

Sincerely,

William Slattery