

Ignyta, Inc.  
Form 8-K  
February 20, 2014

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d)**

**of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): February 20, 2014**

**IGNYTA, INC.**

**(Exact Name of Registrant as Specified in its Charter)**

**Nevada**  
**(State of Incorporation)**

**333-183886**  
**(Commission**  
**File Number)**  
**11095 Flintkote Avenue, Suite D**  
**San Diego, California 92121**

**59-3564984**  
**(IRS Employer**  
**Identification No.)**

**(Address of principal executive offices, including zip code)**

**Registrant's telephone number, including area code: (858) 255-5959**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- .. Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- .. Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- .. Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- .. Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

**Item 7.01 Regulation FD Disclosure**

On February 20, 2014, Justin Gainor, M.D., of the Massachusetts General Hospital Cancer Center, presented preliminary results from the ongoing Phase 1 dose escalation portion of a Phase 1/2 clinical trial of RXDX-101, Ignyta, Inc.'s proprietary oral tyrosine kinase inhibitor targeting solid tumor indications, at the International Association for the Study of Lung Cancer (IASLC) 14th Annual Targeted Therapies for the Treatment of Lung Cancer Meeting. The press release dated February 20, 2014 announcing Dr. Gainor's presentation is attached hereto as Exhibit 99.1. Dr. Gainor's presentation is attached hereto as Exhibit 99.2.

The information contained in this Item 7.01 and in Exhibits 99.1 and 99.2 of this Current Report on Form 8-K shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

**Item 9.01. Financial Statements and Exhibits**

(d) Exhibits.

Exhibit No.	Description
99.1	Press Release, dated February 20, 2014.
99.2	Presentation, dated February 20, 2014.

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: February 20, 2014

**IGNYTA, INC.**

By: /s/ Jonathan Lim, M.D.

Name: Jonathan Lim, M.D.

Title: President, Chief Executive Officer

**EXHIBIT INDEX**

Exhibit No.	Description
99.1	Press Release, dated February 20, 2014.
99.2	Presentation, dated February 20, 2014.