

Ignyta, Inc.
Form 4
April 13, 2016

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2015
Estimated average burden hours per response... 0.5

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Hornby Zachary

(Last) (First) (Middle)
**C/O IGNYTA, INC., 11111
FLINTKOTE AVE.**

(Street)

SAN DIEGO, CA 92121

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Ignyta, Inc. [RXDX]

3. Date of Earliest Transaction (Month/Day/Year)
03/17/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)

Chief Operating Officer

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock	03/17/2016		M	17,917 A \$ 0.57	128,384	D	
Common Stock	03/17/2016		M	5,277 A \$ 0.6	133,661	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 0.57	03/17/2016		M	17,917	<u>(1)</u> 12/10/2022	Common Stock	17,917
Stock Option (Right to Buy)	\$ 0.6	03/17/2016		M	5,277	<u>(2)</u> 02/14/2023	Common Stock	5,277

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Hornby Zachary C/O IGNYTA, INC. 11111 FLINTKOTE AVE. SAN DIEGO, CA 92121			Chief Operating Officer	

Signatures

/s/ Matthew W. Onaitis,
Attorney-in-Fact

04/13/2016

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) As of March 17, 2016 and prior to this transaction, 17,917 shares of common stock subject to the option vested. Approximately 417 shares of common stock subject to the option vest on the sixth day of each month until August 6, 2016.
- (2) As of March 17, 2016 and prior to this transaction, 5,277 shares of common stock subject to the option vested. Approximately 139 shares of common stock subject to the option vest on the 14th day of each month until January 14, 2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.