Ignyta, Inc. Form 4 January 09, 2015

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction 1(b).

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)

(Last)

Security

(Instr. 3)

1. Name and Address of Reporting Person * Chacko Jacob

> (First) (Middle)

C/O IGNYTA, INC., 11095 FLINTKOTE AVENUE. SUITE D

(Street)

2. Issuer Name and Ticker or Trading Symbol

Ignyta, Inc. [RXDX] 3. Date of Earliest Transaction

(Month/Day/Year) 01/08/2015

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

Chief Financial Officer

6. Ownership

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ 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

SAN DIEGO, CA 92121

(City) (State)

(Zip)

1. Title of 2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

TransactionAcquired (A) or Code (Instr. 8)

3.

Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

4. Securities

(A)

5. Amount of Securities Beneficially Owned Following Reported Transaction(s)

(Instr. 3 and 4)

Form: Direct (I) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

(9-02)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

Estimated average

burden hours per

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

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security	rivative or Disposed of									
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 6.58	01/08/2015		A		25,200		<u>(1)</u>	01/07/2025	Common Stock	25,200

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Chacko Jacob C/O IGNYTA, INC. 11095 FLINTKOTE AVENUE, SUITE D SAN DIEGO, CA 92121

Chief Financial Officer

Signatures

/s/ Matthew W. Onaitis, Attorney-in-Fact 01/09/2015

**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).
- The option is exercisable as it vests. 25% of the total number of shares subject to the option vest on January 8, 2016, and 1/48th of the total number of shares subject to the option vest monthly thereafter.

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.

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