Solexa, Inc. Form 3 July 06, 2006

FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

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 *

A Lussier Richard H

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

07/05/2006

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Solexa, Inc. [SLXA]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

VP, Sales & Field Operations

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O SOLEXA, INC., Â 25861 INDUSTRIAL BLVD.

(Street)

Director _X__ Officer

10% Owner Other (give title below) (specify below)

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

Person

Form filed by More than One

Reporting Person

HAYWARD, CAÂ 94545

(City) (State)

1. Title of Security (Instr. 4)

(Zip)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Table I - Non-Derivative Securities Beneficially Owned

Ownership Form: Direct (D)

4. Nature of Indirect Beneficial

Ownership (Instr. 5)

or Indirect (I) (Instr. 5)

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)

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

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. Conversion or Exercise Price of

5. Ownership Form of (Instr. 5)

6. Nature of Indirect Beneficial Ownership

Date Exercisable Expiration

Date

Title

Amount or Number of Shares

Derivative Security: Derivative Security Direct (D)

or Indirect

(I)

(Instr. 5)

Employee Stock Option (right to buy) $06/21/2006\underline{^{(1)}}$ 06/21/2016 06/21/2016 Common Stock 06/21/2016 Stock 06/21/2016 06/

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Lussier Richard H

C/O SOLEXA, INC.
25861 INDUSTRIAL BLVD.

Relationships

Other

Signatures

HAYWARD, CAÂ 94545

Richard H
Lussier

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Shares vest over four years from the date awarded with 25% vesting on the first anniversary of the date of grant, and the remainder vesting at a rate of 1/36 per complete month thereafter. Shares are exercisable once vested.

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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