Solexa, Inc. Form 4/A February 01, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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).

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 * Lundberg Peter

(Last)

(First) (Middle)

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

(Street)

HAYWARD, CA 94545

2. Issuer Name and Ticker or Trading

Symbol

Solexa, Inc. [SLXA]

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

01/26/2007

4. If Amendment, Date Original

Filed(Month/Day/Year) 01/30/2007

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner

X_ Officer (give title Other (specify below) below)

VP and Chief Technical Officer

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

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

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

(A)

1. Title of Security (Instr. 3)

(City)

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

(State)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

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

5. Amount of

Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

7. Nature of Indirect Ownership (Instr. 4)

Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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		(Month/Day/Year)	(Instr. 8)	or D (D)	uired (A) risposed of er. 3, 4, 5)					(
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 6.11	01/26/2007		D		32,500	<u>(1)</u>	06/03/2015	Common Stock	32,500	
Stock Option (Right to Buy)	\$ 5.97	01/26/2007		D		27,500	(2)	09/06/2015	Common Stock	27,500	
Stock Option (Right to Buy)	\$ 8.6	01/26/2007		D		23,750	<u>(3)</u>	02/02/2016	Common Stock	23,750	

Reporting Owners

Reporting Owner Name / Address	Relationships
Renarting Owner Name / Anaress	

Director 10% Owner Officer Other

Lundberg Peter C/O SOLEXA, INC. 25861 INDUSTRIAL BLVD. HAYWARD, CA 94545

VP and Chief Technical Officer

Signatures

/s/ Peter Lundberg, by Kathy San Roman, attorney-in-fact

02/01/2007

**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).
- This option, which provided for vesting of 20% on the one year anniversary of March 10, 2005 and monthly thereafter over 48 months, (1) was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 11,180 shares at an exercise price of \$17.76 per share.
- This option, which provided for vesting monthly and ratably over the 48 month period beginning on September 6, 2005, was assumed by (2) Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 9,460 shares at an exercise price of \$17.35 per share.
- This option, which provided for vesting monthly and ratably over the 48 month period beginning on February 2, 2006, was assumed by (3) Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 8,170 shares at an exercise price of \$25.00 per share.

Reporting Owners 2

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