

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

**FORM 4**

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

OMB APPROVAL

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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 \*  
West John

(Last) (First) (Middle)  
C/O SOLEXA, INC., 25861 INDUSTRIAL BLVD.  
(Street)

HAYWARD, CA 94545

(City) (State) (Zip)

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Reported (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)<br>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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(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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
|                                 |                           |                                      |                                   |                     |                                    |  |   |

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| (Instr. 3)                           | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and<br>5) | Code | V | (A)     | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount or<br>Number of<br>Shares |
|--------------------------------------|------------------------------------|------------------|------------|---|------|---|---------|-----|---------------------|--------------------|-----------------|----------------------------------|
| Stock<br>Option<br>(Right to<br>Buy) | \$ 1.28                            | 01/26/2007       |            |   | D    |   | 309,253 |     | <u>(1)</u>          | 08/06/2014         | Common<br>Stock | 309,253                          |
| Stock<br>Option<br>(Right to<br>Buy) | \$ 6.39                            | 01/26/2007       |            |   | D    |   | 600,000 |     | <u>(2)</u>          | 05/09/2015         | Common<br>Stock | 600,000                          |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| West John<br>C/O SOLEXA, INC.<br>25861 INDUSTRIAL BLVD.<br>HAYWARD, CA 94545 | X             |           | CEO     |       |

## Signatures

/s/ John West                      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).

(1) This option, which provided for vesting of 25% on the one year anniversary of August 6, 2004 and monthly thereafter over 36 months, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 106,383 shares at an exercise price of \$3.72 per share. In connection with the closing of the merger on January 26, 2007, the vesting and exercisability of this option was accelerated by 2 years as provided in the employment agreement between the Issuer and the Reporting Person.

(2) This option, which provided for vesting monthly and ratably over the 48 month period beginning on August 9, 2004, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 206,400 shares at an exercise price of \$18.58 per share. In connection with the closing of the merger on January 26, 2007, the vesting and exercisability of this option was accelerated by 2 years as provided in the employment agreement between the Issuer and the Reporting Person.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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