

Solexa, Inc.
Form 4
January 30, 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 *
HAUSER HERMANN

(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)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Indirect Beneficial Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	01/26/2007		D		2,089,849	D	(1) 0	I	By Amadeus II A LP
Common Stock	01/26/2007		D		1,393,234	D	(2) 0	I	By Amadeus II B LP
Common Stock	01/26/2007		D		975,264	D	(3) 0	I	By Amadeus II C LP
Common Stock	01/26/2007		D		46,442	D	(4) 0	I	By Amadeus

Common Stock	01/26/2007		D	139,322	D	<u>(5)</u>	0	I	II D GmbH and Co KG By Amadeus II Affiliates LP
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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 (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)	\$ 9.06	01/26/2007		D	10,000	<u>(6)</u> 10/03/2016	Common Stock	10,000
Stock Option (Right to Buy)	\$ 6.2	01/26/2007		D	20,000	<u>(7)</u> 10/21/2015	Common Stock	20,000
Warrant (Right to Buy)	\$ 7.5	01/26/2007		D	60,577	<u>(8)</u> 01/19/2011	Common Stock	60,577
Warrant (Right to Buy)	\$ 7.5	01/26/2007		D	40,385	<u>(9)</u> 01/19/2011	Common Stock	40,385
Warrant (Right to Buy)	\$ 7.5	01/26/2007		D	28,269	<u>(10)</u> 01/19/2011	Common Stock	28,269
	\$ 7.5	01/26/2007		D	1,346	<u>(11)</u> 01/19/2011		1,346

Warrant (Right to Buy)								Common Stock	
Warrant (Right to Buy)	\$ 7.5	01/26/2007		D	4,038	(12)	01/19/2011	Common Stock	4,038

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HAUSER HERMANN C/O SOLEXA, INC. 25861 INDUSTRIAL BLVD. HAYWARD, CA 94545		X		

Signatures

/s/ Hermann Hauser, by Kathy San Roman,
attorney-in-fact

01/29/2007

__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) These shares were surrendered pursuant to a merger agreement between Solexa, Inc. and Illumina, Inc. in exchange for 718,908 shares of Illumina, Inc. common stock.
 - (2) These shares were surrendered pursuant to a merger agreement between Solexa, Inc. and Illumina, Inc. in exchange for 479,272 shares of Illumina, Inc. common stock.
 - (3) These shares were surrendered pursuant to a merger agreement between Solexa, Inc. and Illumina, Inc. in exchange for 335,490 shares of Illumina, Inc. common stock.
 - (4) These shares were surrendered pursuant to a merger agreement between Solexa, Inc. and Illumina, Inc. in exchange for 15,976 shares of Illumina, Inc. common stock.
 - (5) These shares were surrendered pursuant to a merger agreement between Solexa, Inc. and Illumina, Inc. in exchange for 47,926 shares of Illumina, Inc. common stock.
This option, which provided for vesting monthly and ratably over the 12 month period beginning on October 21, 2005, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 6,880 shares at an exercise price of \$18.02 per share.
 - (6) This option, which provided for vesting monthly and ratably over the 12 month period beginning on October 4, 2006, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with an option to purchase 3,440 shares at an exercise price of \$26.34 per share.
 - (7) This warrant, which was exercisable 180 days from January 19, 2006, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with a warrant to purchase 20,838 shares at an exercise price of \$21.80 per share.
 - (8)

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- (9) This warrant, which was exercisable 180 days from January 19, 2006, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with a warrant to purchase 13,892 shares at an exercise price of \$21.80 per share.
- (10) This warrant, which was exercisable 180 days from January 19, 2006, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with a warrant to purchase 9,724 shares at an exercise price of \$21.80 per share.
- (11) This warrant, which was exercisable 180 days from January 19, 2006, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with a warrant to purchase 463 shares at an exercise price of \$21.80 per share.
- (12) This warrant, which was exercisable 180 days from January 19, 2006, was assumed by Illumina, Inc. in connection with the merger with Solexa, Inc. and replaced with a warrant to purchase 1,389 shares at an exercise price of \$21.80 per share.

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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