

Solexa, Inc.
Form 4
July 14, 2005

FORM 4

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

OMB APPROVAL

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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 *
Abingworth Management LTD

(Last) (First) (Middle)

38 JERMYN STREET

(Street)

LONDON SW1Y6DN, X0

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Solexa, Inc. [SLXA]

3. Date of Earliest Transaction
(Month/Day/Year)
07/12/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___X___ 10% Owner
___ Officer (give title below) ___ Other (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

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 Ownership (Instr. 4)		
			Code	V	Amount				
					(A) or (D)		Price		
Common Stock	07/12/2005		P		250,000 (1)	A	\$ 4 613,278	I	By Abingworth Bioventures IIA LP
Common Stock	07/12/2005		P		290,978 (2)	A	\$ 4 1,226,769	I	By Abingworth Bioventures IIIA LP
Common Stock	07/12/2005		P		177,625 (3)	A	\$ 4 748,869	I	By Abingworth Bioventures IIIB LP

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Common Stock	07/12/2005	P	106,399 (4)	A	\$ 4	448,578	I	By Abingworth Bioventures IIIC LP
Common Stock	07/12/2005	P	4,637 (5)	A	\$ 4	19,550	I	By Abingworth Bioventures III Executives LP

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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Warrant (right to buy)	\$ 5	07/12/2005		A	125,000	(6) 07/12/2010	Common Stock 125,000
Warrant (right to buy)	\$ 5	07/12/2005		A	145,489	(6) 07/12/2010	Common Stock 145,489
Warrant (right to buy)	\$ 5	07/12/2005		A	88,812	(6) 07/12/2010	Common Stock 88,812
Warrant (right to buy)	\$ 5	07/12/2005		A	53,200	(6) 07/12/2010	Common Stock 53,200
Warrant (right to buy)	\$ 5	07/12/2005		A	2,319	(6) 07/12/2010	Common Stock 2,319

buy)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Abingworth Management LTD 38 JERMYN STREET LONDON SW1Y6DN, X0			X	

Signatures

/s/ James Abell,
Director 07/13/2005

__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 are owned by Abingworth Bioventures IIA LP of which Abingworth Management Ltd is the Manager
- (2) These shares are owned by Abingworth Bioventures IIIA LP of which Abingworth Management Ltd is the Manager
- (3) These shares are owned by Abingworth Bioventures IIIB LP of which Abingworth Management Ltd is the Manager
- (4) These shares are owned by Abingworth Bioventures IIIC LP of which Abingworth Management Ltd is the Manager
- (5) These shares are owned by Abingworth Bioventures III Execuitves LP of which Abingworth Management Ltd is the Manager
- (6) Warrants are exercisable 180 days from the transaction close date of July 12, 2005.

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.