

Solexa, Inc.
Form 3
March 14, 2005

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 *			2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Abingworth Management LTD			(Month/Day/Year)	Solexa, Inc. [SLXA]	
(Last)	(First)	(Middle)	03/04/2005		
38 JERMYN STREET			4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)		6. Individual or Joint/Group Filing(Check Applicable Line)
LONDON, X0 SW1Y 6DN			<input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below)		<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(City)	(State)	(Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,266,436 ⁽¹⁾	I	by Abingworth Bioventures II S.E.C.A. V i.1
Common Stock	363,278 ⁽²⁾	I	By Abingworth Bioventures II A L.P.
Common Stock	935,791 ⁽³⁾	I	By Abingworth Bioventures III A L.P.
Common Stock	571,244 ⁽⁴⁾	I	By Abingworth Bioventures IIIB L.P.
Common Stock	342,179 ⁽⁵⁾	I	By Abingworth Bioventures IIIC L.P.
Common Stock	14,913 ⁽⁶⁾	I	By Abingworth Bioventures III Executives LP

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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 <small>(Month/Day/Year)</small>	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	<small>Date Exercisable</small>	<small>Expiration Date</small>			
		Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Abingworth Management LTD 38 JERMYN STREET LONDON, X0 SW1Y 6DN	Â	Â X	Â	Â

Signatures

James Abell, Director, Abingworth Management Ltd.	03/11/2005
<small>**Signature of Reporting Person</small>	<small>Date</small>

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) These shares are owned by Abingworth Bioventures II SICAV (i.l.) of which Abingworth Management Ltd is the Investment Adviser.
- (2) These shares are owned by Abingworth Bioventures IIA L.P. of which Abingworth Management Ltd. is the Manager.
- (3) These shares are owned by Abingworth Bioventures IIIA L.P. of which Abingworth Management Ltd. is the Manager.
- (4) These shares are owned by Abingworth Bioventures IIIB L.P. of which Abingworth Management Ltd. is the Manager.
- (5) These shares are owned by Abingworth Bioventures IIIC L.P. of which Abingworth Management Ltd. is the Manager.
- (6) These shares are owned by Abingworth Bioventures III Executives L.P. of which Abingworth Management Ltd. is the Manager.

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.