SEC Form 4	
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## 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).
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

	ROVAL	
	OMB Number:	3235-0287
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	hours per response:	0.5
	Estimated average burden	

Ulvs. LLC				LE								eck all app Direc	olicable)	-		lssuer Owner · (specify			
(Last) (First) (Middle) 750 LEXINGTON AVENUE 30TH FLOOR					3. Date of Earliest Transaction (Month/Day/Year) 03/19/2010								belov	N)		below	/)		
(Street) NEW YORK NY 10022				– 4. lf	4. If Amendment, Date of Original Filed (Month/Day/Year)							Line	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person				son		
(City)	(Si		Zip)																
Table I - Non-Deriva   1. Title of Security (Instr. 3) 2. Transaction   Date (Month/Day)			tion	on 2A. Deemed Execution Date, /Year) if any			3. Transaction Code (Instr.			of, or Beneficial es Acquired (A) or Df (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial		
						(Mor		onth/Day/Year)		v	Amount (		or P	rice	Owned Following Reported Transaction(s) (Instr. 3 and 4)		(I) (Instr. 4)		Ownership (Instr. 4)
Common	Stock			03/19/2	2010				P <sup>(1)</sup>		59,296,74	9	A :	\$1.15	130,1	137,040		Ι	See Footnote <sup>(2)</sup>
Common	Stock			03/19/2	2010				р <sup>(3)</sup>		5,190,848	3	A :	\$1.15	135,3	,327,888			See Footnote <sup>(2)</sup>
Common	Stock			03/19/2	2010	010			P <sup>(4)</sup>		29,021,73	9	<b>A</b> :	\$1.15	29,0	29,021,739			See Footnote <sup>(5)</sup>
Common Stock 03/19/20			2010	010		P <sup>(6)</sup>		760,870	O A \$1		\$1.15	29,782,609		I		See Footnote <sup>(5)</sup>			
		Та	able II								osed of, o convertib				Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	if any	emed ion Date, /Day/Year)	4. Transa Code (l 8)	action of		of Expiration Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		tion D		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		[ 9 (	3. Price of Derivative Security Instr. 5)		Ownersh Form: Direct (D or Indired (I) (Instr.	Ownership	Beneficial Ownership t (Instr. 4)
					Code	v	(A)	(D)	Date Exerci	sable	Expiration Date	Title	Amo or Num of Shar	ber					
1. Name ar <u>Ulys, L</u>		Reporting Person*																	
(Last) 750 LEX 30TH FL	INGTON A	(First) AVENUE	(M	liddle)															
(Street) NEW YC	ORK	NY	10	)022															
(City)		(State)	(Z	ip)															
1. Name ar Invus, I		Reporting Person*																	
(Last) 750 LEX	INGTON A	(First) AVENUE	(M	liddle)															

(Street)		
NEW YORK	NY	10022

**30TH FLOOR** 

(City)	(State)	(Zip)					
1. Name and Address of Reporting Person*							
	Invus Advisors, L.L.C.						
(Last)	(First)	(Middle)					
750 LEXINGTON 30TH FLOOR	AVENUE						
(Street) NEW YORK	NY	10022					
	NI	10022					
(City)	(State)	(Zip)					
1. Name and Address	of Reporting Person*						
Invus, CV							
(Last)	(First)	(Middle)					
MARTEN MEESV	VEG 25						
(Street)							
ROTTERDAM 3068 AV	P7						
5008 AV							
(City)	(State)	(Zip)					
	1. Name and Address of Reporting Person*						
DEBBANE RA	YMOND						
(Last)	(First)	(Middle)					
C/O THE INVUS GROUP, LLC							
750 LEXINGTON AVENUE, 30TH FLOOR							
(Street)							
NEW YORK	NY	10022					
(City)	(State)	(Zip)					

## Explanation of Responses:

1. On March 19, 2010, Invus, L.P. agreed to purchase 59,296,749 shares of common stock of Lexicon Pharmaceuticals, Inc. (the "Issuer") from the Issuer. The purchase closed on March 19, 2010.

2. 131,346,780 of the reported shares are owned directly by Invus, L.P. and 3,891,108 of the reported shares are owned directly by Invus Public Equities, L.P. and subject to a voting agreement pursuant to which Invus Public Equities, L.P. agreed to vote its shares of common stock of the Issuer at the sole direction of Invus, L.P. Invus Advisors, L.L.C. is the general partner of Invus, L.P. Ulys, L.L.C. is the managing member of Invus Advisors, L.L.C. Raymond Debbane is the sole member of Ulys, L.L.C. Accordingly, each of Invus Advisors, L.L.C. ulys, L.L.C. and Raymond Debbane may be deemed to be indirect beneficial owners of the reported securities. Each of Invus Advisors, L.L.C. ulys, L.L.C. and Raymond Debbane disclaims beneficial ownership of such securities, except to the extent of its or his pecuniary interest therein.

3. On March 19, 2010, Invus, L.P. agreed to purchase 5,190,848 shares of common stock of the Issuer from the Issuer. The purchase closed on March 19, 2010.

4. On March 19, 2010, Invus C.V. agreed to purchase 29,021,739 shares of common stock from the underwriters in a public offering of common stock of the Issuer. The purchase closed on March 19, 2010. 5. The reported shares are owned directly by Invus C.V. Ulys, L.L.C. is the general partner of Invus C.V. Raymond Debbane is the sole member of Ulys, L.L.C. Accordingly, each of Ulys, L.L.C. and Raymond Debbane may be deemed to be indirect beneficial owners of the reported securities. Each of Ulys, L.L.C and Raymond Debbane disclaims beneficial ownership of such securities, except to the extent of its or his pecuniary interest therein.

6. On March 19, 2010, Invus C.V. agreed to purchase 760,870 shares of common stock of the Issuer from the Issuer. The purchase closed on March 19, 2010.

<u>/s/ Raymond Debbane,</u> <u>President, INVUS</u> <u>ADVISORS, L.L.C., its</u> <u>general partner for INVUS,</u> L.P.	<u>03/19/2009</u>
<u>/s/ Raymond Debbane,</u> <u>President for INVUS</u> <u>ADVISORS, L.L.C.</u>	<u>03/19/2009</u>
<u>/s/ Raymond Debbane,</u> <u>President, ULYS, L.L.C., its</u> g <u>eneral partner for INVUS</u> <u>C.V.</u>	<u>03/19/2009</u>
<u>/s/ Raymond Debbane,</u> <u>President for ULYS, L.L.C.</u>	03/19/2009
/s/ Raymond Debbane	03/19/2009
** Signature of Reporting Person	Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.