Amouyal Philippe Form 4 May 03, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Amouyal Philippe

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

LEXICON PHARMACEUTICALS,

INC./DE [LXRX]

(Check all applicable)

(First) (Middle) 3. Date of Earliest Transaction

> (Month/Day/Year) 04/30/2010

X_ Director Officer (give title below)

10% Owner Other (specify

8800 TECHNOLOGY FOREST

(Street)

PLACE

Security

(Instr. 3)

(Last)

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Instr. 8)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

THE WOODLANDS, TX 77381

(City) 1. Title of 2. Transaction Date 2A. Deemed

(State)

(Zip)

(Month/Day/Year)

(Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) 5. Amount of Securities Beneficially Owned Following

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I)

Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s)

or (Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8 Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired or Dispos (D) (Instr. 3, 4 and 5)		d (A) osed of	(Month/Day	(Year) (Instr. 3 and 4)		4)
				Code '	V (A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 1.54	04/30/2010		A	10,00)	<u>(1)</u>	04/30/2020	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Amouyal Philippe 8800 TECHNOLOGY FOREST PLACE X THE WOODLANDS, TX 77381

Signatures

/s/ Philippe J.

Amouyal 05/03/2010

**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) Option vests with respect to 1/12th of the shares subject to the option for each month of service following the date of grant.

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.

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