Quirk Gerald E Form 4 January 09, 2012

FORM 4

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

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

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

SECURITIES

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Quirk Gerald E

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

INFINITY PHARMACEUTICALS,

(Check all applicable)

See Remarks

10% Owner

INC. [INFI]

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

X_ Officer (give title Other (specify below)

01/06/2012

PHARMACEUTICALS, INC., 780

(Street)

MEMORIAL DRIVE

C/O INFINITY

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Director

Filed(Month/Day/Year)

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

CAMBRIDGE, MA 02139

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (Instr. 4)

Ownership (Instr. 4)

(A)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

Edgar Filing: Quirk Gerald E - Form 4

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 orDerivative 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
Stock Option (right to buy)	\$ 7.93	01/06/2012		A	40,000	<u>(1)</u>	01/06/2022	Common Stock	40,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Quirk Gerald E C/O INFINITY PHARMACEUTICALS, INC. 780 MEMORIAL DRIVE CAMBRIDGE, MA 02139

See Remarks

Signatures

/s/Gerald E. 01/06/2012 Quirk

**Signature of Date
Reporting Person

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) The option vests as to 1/48th of the shares on January 31, 2012 and vests as to 1/48th of the shares at the end of each calendar month thereafter.

Remarks:

Vice President, Corporate Affairs and General Counsel

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.

Reporting Owners 2