## INFINITY PHARMACEUTICALS, INC.

Form 4

Common

Stock

09/12/2006

September 13, 2006

FORM	ИΔ								OM	IB APPROV	AL
	UNITED	STATES SECU W		AND EX on, D.C. 20		NGE	COMMISSIO		OMB Numbe	er: 3235	-0287
Check if no lo	this box							_	Expires	Janua s:	ıry 31, 2005
subject Section	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF Section 16. Form 4 or							Estimated average burden hours per		0.5	
Form 5 obligation may co See Ins 1(b).	ions Section 17	rsuant to Section (a) of the Public 30(h) of the	Utility H	olding Cor	npan	y Act	of 1935 or Sec	4,	·		
(Print or Type	e Responses)										
1. Name and Address of Reporting Person * Holtzman Steven H			2. Issuer Name <b>and</b> Ticker or Trading Symbol INFINITY PHARMACEUTICALS,				5. Relationship of Reporting Person(s) to Issuer				
			INC. [INFI] (Chec					Check	ck all applicable)		
			3. Date of Earliest Transaction (Month/Day/Year)				X Director 10% Owner				/
	NITY .CEUTICALS, IN AL DRIVE		09/12/2006				CEO and Assistant Secretary				
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
CAMBRII	OGE, MA 02139										
(City)	(State)	(Zip) Ta	ble I - Nor	n-Derivative	Secur	rities A	cquired, Dispose	ed of, o	or Bene	ficially Owne	ed
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transacti Code (Instr. 8)	(A)			Beneficially For Owned Dir Following or I Reported (I) Transaction(s) (Institute of the Institute of the Ins		ership n: ct (D) direct r. 4)	(Instr. 4)	
Common Stock	09/12/2006		Code V	Amount 211,091	or (D)	Price (2)	(Instr. 3 and 4) 211,091 (1)	D			
Common Stock	09/12/2006		A	18,729 (1)	A	<u>(3)</u>	18,729 (1)	D			

177,364

(1) (4)

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

A

By

Trust

177,364 <u>(1)</u> I

Holtzman-Stewart

1996 Irrevocable

## Edgar Filing: INFINITY PHARMACEUTICALS, INC. - Form 4

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SEC 1474 (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 onDerivative 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)	\$ 2.04 (12)	09/12/2006		A	55,256 (1)	<u>(6)</u>	05/10/2015	Common Stock	55,256 (1)
Stock Option (right to buy)	\$ 3.48 (12)	09/12/2006		A	331 (1)	<u>(8)</u>	03/31/2016	Common Stock	331 (1)
Stock Option (right to buy)	\$ 3.48 (12)	09/12/2006		A	33,154 (1)	(10)	03/31/2016	Common Stock	33,154 (1)

## **Reporting Owners**

Reporting Owner Name / Address	Kelationships					
	Director	10% Owner	Officer	Other		

Holtzman Steven H C/O INFINITY PHARMACEUTICALS, INC. 780 MEMORIAL DRIVE

X CEO and Assistant Secretary

CAMBRIDGE, MA 02139 **Signatures** 

/s/ Steven H. 09/13/2006 Holtzman

\*\*Signature of Date Reporting Person

Reporting Owners 2

## **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) Reflects a 1-for-4 reverse stock split, which became effective on September 12, 2006.
- Received in exchange for 955,046 shares of Infinity Discovery, Inc. ("IPI") common stock in connection with the merger of IPI into Infinity Pharmaceuticals, Inc. (the "Merger") based on a conversion ratio of 0.88411.
- (3) Received in exchange for 66,667 shares of IPI Series B Preferred Stock in connection with the Merger based on a conversion ratio of 1.12375. The Series B Preferred Stock had no expiration date.
- (4) The reporting person disclaims beneficial ownership of the reported securities except to the extent of his pecuniary interest therein.
- (5) Received in exchange for 802,454 shares of IPI common stock in connection with the Merger based on a conversion ratio of 0.88411.
- (6) The option vests annually in equal installments for four years, beginning on January 31, 2005.
- (7) Received in the Merger in exchange for a stock option to acquire 250,000 shares of IPI common stock for \$0.45 per share based on a conversion ratio of 0.88411.
- (8) The option vests in equal monthly installments for 1 year, beginning on February 1, 2006.
- (9) Received in the Merger in exchange for a stock option to acquire 1,500 shares of IPI common stock for \$0.77 per share based on a conversion ratio of 0.88411.
- (10) The options vest annually in equal installments for four years, beginning on February 1, 2006.
- (11) Received in the Merger in exchange for stock options to acquire 150,000 shares of IPI common stock for \$0.77 per share based on a conversion ratio of 0.88411.
- (12) The exercise price reflects the exercise price of each option to purchase IPI common stock prior to the closing of the Merger divided by a conversion ratio of 0.88411, as adjusted to reflect the 1-for-4 reverse stock split.

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.