

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person * MACNEILL PHILIP (Last) (First) (Middle) C/O PHARMATHENE, INC., ONE PARK PLACE, SUITE 450 (Street) ANNAPOLIS MD 21401 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol PHARMATHENE, INC [PIP]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) VP, CFO, Treasurer, Secretary
	3. Date of Earliest Transaction (Month/Day/Year) 09/20/2016	

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, par value \$0.0001 per share	09/20/2016		M		4,500	A	\$1.21	54,500	D	
Common Stock, par value \$0.0001 per share	09/20/2016		M		1,845	A	\$1.21	56,345	D	
Common Stock, par value \$0.0001 per share	09/20/2016		M		5,625	A	\$1.13	61,970	D	
Common Stock, par value \$0.0001 per share	09/20/2016		M		14,063	A	\$1.94	76,033	D	
Common Stock, par value \$0.0001 per share	09/20/2016		M		10,000	A	\$1.71	86,033	D	
Common Stock, par value \$0.0001 per share	09/20/2016		M		17,656	A	\$1.66	103,689	D	

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 Derivative 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$1.21	09/20/2016		M			4,500	(1)	12/01/2021	Common Stock	4,500	\$0	0	D		
Employee Stock Option (right to buy)	\$1.21	09/20/2016		M			1,845		12/01/2012	12/01/2021	Common Stock	1,845	\$0	0	D	
Employee Stock Option (right to buy)	\$1.13	09/20/2016		M			5,625	(2)	12/03/2022	Common Stock	5,625	\$0	0	D		
Employee Stock Option (right to buy)	\$1.94	09/20/2016		M			14,063	(3)	01/29/2024	Common Stock	14,063	\$0	4,687	D		
Employee Stock Option (right to buy)	\$1.71	09/20/2016		M			10,000	(4)	12/08/2024	Common Stock	10,000	\$0	10,000	D		
Employee Stock Option (right to buy)	\$1.66	09/20/2016		M			17,656	(5)	12/03/2025	Common Stock	17,656	\$0	52,969	D		

Explanation of Responses:

1. These options became exercisable in 4 equal annual installments, with the first installment exercisable on December 1, 2011.

2. These options became exercisable in 4 equal annual installments, with the first installment exercisable on December 3, 2012.
3. These options became exercisable in 4 equal annual installments, with the first installment exercisable on January 29, 2014.
4. These options became exercisable in 4 equal annual installments, with the first installment exercisable on December 8, 2014.
5. These options were granted on December 3, 2015, and vest over a 3 year period with 25% vesting on the grant date and an additional 25% vesting on each of the first, second and third anniversaries of the grant date.

/s/ Philip MacNeill

09/21/2016

** 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.