Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washi

ngton, D.C. 20549	OMB APP	ROVA

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

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

1. Name and Address of Reporting Person* CAVANAUGH JAMES H				2. Issuer Name and Ticker or Trading Symbol PHARMATHENE, INC [PIP]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner								
(Last)	(F		(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 03/09/2009							(give title	Λ	Other (s	·			
44 NASSAU STREET					4. If Amendment, Date of Original Filed (Month/Day/Year)					6. Individual or Joint/Group Filing (Check Applicable								
(Street) PRINCE	TON N	J	08542										Line)		led by Mor		orting Perso n One Repo	- 1
(City)	(9	itate)	(Zip)															
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
Date			2. Transac Date (Month/Da	Execution Date,		Code (Instr. 5)				4 and Securitie Beneficia Owned F		es Forn ally (D) o collowing (I) (Ir		: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership			
							Code	v	Amount	(A) or (D)		ice	Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
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 (Instr. 3) 3. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)		Cod	nsactio de (Inst	n of Derivat Securit Acquire (A) or Dispos of (D) (I	Derivative Securities Acquired		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amoun of Securities Underlying Derivative Security (Instr. 3 and 4)		Derivative Security		9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	Ownershi Form: Direct (D) or Indirect (I) (Instr. 4	Ownership	Beneficial Ownership (Instr. 4)		
				Cod	de V	(A)	(D)	Date Exercisable		expiration vate	Title	Amo or Num of Shar	ber					
Option (Right to Buy)	\$2.59	03/09/2009		A		10,000		03/09/2009	0	6/13/2018	Commo	ⁿ 10,0	000	\$0.00	10,000	0	D	

Explanation of Responses:

Remarks:

/s/Jeffrey Steinberg, Attorneyin-Fact for James Cavanaugh

03/10/2009

** Signature of Reporting Person

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.