FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* McCleary Leal						2. Issuer Name and Ticker or Trading Symbol HEALTHCARE ACQUISITION CORP									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
McCleary Joel						PIP]									Directo	r		10% Ow	ner	
(Last)	(Fi	irst)	(Middle)			-									Officer below)	(give title		Other (s below)	pecify	
C/O PHARMATHENE, INC						3. Date of Earliest Transaction (Month/Day/Year) 10/09/2007														
ONE PARK PLACE, SUITE 450					4. 1	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable						
(Street)							,		Ü	`		, ,	1	Line) X	Form fi	led by One	Reno	rting Persor	,	
ANNAP	OLIS M	D	21401		_											led by Mor	•	One Repor		
(City) (State)		tate)	(Zip)												1 013011					
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)					ear) i	2A. Deemed Execution Date, f any (Month/Day/Year)		Transaction Disposed		ties Acquired (A) o d Of (D) (Instr. 3, 4 a			5. Amour Securitie Beneficia Owned F Reported	es For ally (D) Following (I) (I		: Direct C Indirect E str. 4)	7. Nature of Indirect Beneficial Ownership			
								Code	,	Amount	unt (A) or (D)		e	Transact (Instr. 3 a	tion(s)			Instr. 4)		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
			`			Can	'	_	•											
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution D if any (Month/Day)	ate,	4. Transa Code (I 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisab Expiration Date (Month/Day/Year)			and 7. Title and Ar of Securities Underlying Derivative Ser (Instr. 3 and 4		[3. Price of Derivative Security Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	/e es ally ng d tion(s)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable		opiration	Title	Amou or Numb of Share	er						
Stock Option (right to buy)	\$5.25	10/09/2007			P		20,000		(1)	10)/09/2017	Common Stock	20,00	00	(2)	20,000)	D		

Explanation of Responses:

- 1. The stock option vests over a 1 year period with 50% vesting immediately and the remaining 50% vesting on the first anniversary of the grant date or 10/9/2008.
- 2. On October 9, 2007, the date such stock option was granted, the closing price of the Issuer's common stock was \$5.25 per share.

/s/ Joel McCleary

10/11/2007

** 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.