

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
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>WRIGHT DAVID P</u> (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 <u>HEALTHCARE ACQUISITION CORP [HAQ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) Chief Executive Officer / member of Section 13(d) group
	3. Date of Earliest Transaction (Month/Day/Year) 08/03/2007	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

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, \$0.001 par value per share	08/03/2007		J ⁽¹⁾		50,542 ⁽²⁾	A	⁽³⁾	100,542	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
Employee Stock Option (right to buy)	\$3.28	08/03/2007		A		46,604		07/15/2003	07/15/2013	Common Stock	46,604	⁽⁴⁾	46,604	D	
Employee Stock Option (right to buy)	\$4.22	08/03/2007		A		37,005		01/18/2005	01/18/2015	Common Stock	37,005	⁽⁴⁾	37,005	D	
Employee Stock Option (right to buy)	\$4.22	08/03/2007		A		5,834		01/01/2006	01/01/2016	Common stock	5,834	⁽⁴⁾	5,834	D	
Employee Stock Option (right to buy)	\$4.22	08/03/2007		A		3,317		01/04/2007	01/04/2017	Common Stock	3,317	⁽⁴⁾	3,317	D	
Unsecured Convertible Note	\$10	08/03/2007		A		5,313		08/03/2007	08/03/2009	Common Stock	5,313	⁽⁵⁾	5,313	D	

Explanation of Responses:

- Pursuant to the Agreement and Plan of Merger, dated as of January 19, 2007, the Issuer, PAI Acquisition Corp., a Delaware Corporation and a direct wholly-owned subsidiary of the Issuer ("Merger Sub"), and PharmAthene, Inc., a privately held Delaware corporation ("Target"), Merger Sub merged with and into Target as a result of which Target became a wholly-owned subsidiary of the Issuer.
- Received in the merger in exchange for 1,015,520 shares of Target common stock. The merger agreement provides that the former stockholders of Target may receive additional shares of the Issuer common stock if holders of more than 5% of the Issuer common stock exercise their conversion rights which shall be determined within 3 business days following the effective date of the merger (8/8/07). The reporting person's right to receive a pro rata portion of the additional shares pursuant to this right became fixed and irrevocable on August 3, 2007, the effective date of the merger.
- On August 3, 2007, the effective date of the merger, the closing price of the Issuer's common stock was \$6.16 per share.
- Received in the merger in exchange for 2,284,326 employee stock options in the Target, issuable upon exercise.
- Received in the merger in exchange for a convertible note of the Target in the principal amount of \$50,000 (plus accrued interest). Immediately convertible into shares of common stock of Issuer at the rate of \$10 per share.

Remarks:

/s/ David P. Wright

08/07/2007

** 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.