

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
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

1. Name and Address of Reporting Person* <u>GILL JOHN</u> (Last) (First) (Middle) <u>C/O PHARMATHENE, INC</u> <u>ONE PARK PLACE, SUITE 450</u> (Street) <u>ANNAPOLIS MD 21401</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>08/06/2007</u>	3. Issuer Name and Ticker or Trading Symbol <u>HEALTHCARE ACQUISITION CORP [PIP]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. 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 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	---	--	---

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (right to buy)	01/20/2005 ⁽¹⁾	01/20/2014	Common Stock	1,253 ⁽²⁾	3.28	D	
Stock Option (right to buy)	01/18/2007 ⁽¹⁾	01/18/2016	Common Stock	269 ⁽²⁾	4.22	D	

Explanation of Responses:

- 25% of the shares shall vest each year commencing on the first anniversary after the option grant dates of January 20, 2004 and January 18, 2006, respectively.
- Received in exchange for existing stock options in the Target. Pursuant to the Agreement and Plan of Merger, dated as of January 19, 2007, among 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"), whereby Merger Sub merged with and into Target as a result of which Target became a wholly-owned subsidiary of the Issuer (the "Merger").

/s/ John Gill

08/17/2007

** 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 5 (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.