

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

<b>OMB APPROVAL</b>	
OMB Number:	3235-0104
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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>MILLENCO, L.L.C.</u>  (Last) (First) (Middle) C/O MILLENNIUM MANAGEMENT, L.L.C. 666 FIFTH AVENUE, 8TH FLOOR  (Street) NEW YORK NY 10103  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 08/03/2007	3. Issuer Name and Ticker or Trading Symbol <u>HEALTHCARE ACQUISITION CORP [ HAQ ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director <input checked="" type="checkbox"/> 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 <input type="checkbox"/> 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)
Common stock, par value \$0.001 (the "Common Stock")	1,200,000	D <sup>(1)</sup>	

**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				
Warrants	08/03/2007	07/27/2009	Common Stock 457,610 <sup>(2)</sup>	6	D <sup>(1)</sup>	

1. Name and Address of Reporting Person\*  
MILLENCO, L.L.C.  
 (Last) (First) (Middle)  
 C/O MILLENNIUM MANAGEMENT, L.L.C.  
 666 FIFTH AVENUE, 8TH FLOOR  
 (Street)  
 NEW YORK NY 10103  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
MILLENNIUM MANAGEMENT, L.L.C.  
 (Last) (First) (Middle)  
 666 FIFTH AVE  
 8TH FLOOR  
 (Street)  
 NEW YORK NY 10103-0899  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
ENGLANDER ISRAEL A  
 (Last) (First) (Middle)  
 C/O MILLENNIUM MANAGEMENT, L.L.C.  
 666 FIFTH AVENUE, 8TH FLOOR  
 (Street)

NEW YORK NY 10103

(City) (State) (Zip)

**Explanation of Responses:**

1. Millennium Management, L.L.C., a Delaware limited liability company ("Millennium Management"), is the manager of Millenco, L.L.C. (Millenco), and consequently may be deemed to have shared voting control and investment discretion over securities owned by Millenco. Israel A. Englander ("Mr. Englander") is the managing member of Millennium Management. As a result, Mr. Englander may be deemed to have shared voting control and investment discretion over securities deemed to be beneficially owned by Millennium Management. The foregoing should not be construed in and of itself as an admission by Millennium Management or Mr. Englander as to beneficial ownership of the shares owned by Millenco. Each of the Reporting Persons disclaims beneficial ownership of the shares of Common Stock to the extent such beneficial ownership exceeds such Reporting Person's pecuniary interest.

2. The Warrants may not be exercised until such time as the Reporting Persons would not beneficially own after any such exercise more than 4.99% of the outstanding shares of Common Stock.

MILLENCO, L.L.C., By: /s/  
Mark Meskin, Chief Executive 08/06/2007  
Officer

\*\* 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.**

Joint Filer Information

NAME: Millennium Management, L.L.C.

ADDRESS: 666 Fifth Avenue, 8th Floor

DESIGNATED FILER: Millenco, L.L.C.

ISSUER AND TICKER SYMBOL: Healthcare Acquisition Corp. (HAQ)

DATE OF EVENT REQUIRING STATEMENT: August 3, 2007

SIGNATURE:

By: /s/ David Nolan

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Name: David Nolan  
Title: Co-President

Joint Filer Information

NAME: Israel A. Englander

ADDRESS: c/o Millennium Management, L.L.C.  
666 Fifth Avenue, 8th Floor  
New York, NY 10103

DESIGNATED FILER: Millenco, L.L.C.

ISSUER AND TICKER SYMBOL: Healthcare Acquisition Corp. (HAQ)

DATE OF EVENT REQUIRING STATEMENT: August 3, 2007

SIGNATURE:

Israel A. Englander  
by David Nolan pursuant to Power of Attorney filed with the SEC on June 6, 2005

/s/ David Nolan  
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