GRAY R PAUL Form 4 January 08, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** GRAY R PAUL			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			UNITED THERAPEUTICS CORP [UTHR]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% Owner Officer (give title Other (specify below)			
C/O UNITED THERAPEUTICS CORP, 1110 SPRING STREET			01/07/2010	below) below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CH VED CDI		20010	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
SILVER SPRINGS, MD 20910				Person			
(City)	(State)	(Zip)	Table I Non Dorlandon Comedia A				

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	01/07/2010		M	2,000	A	\$ 24.39	2,000	D	
Common Stock	01/07/2010		S	2,000 (1)	D	\$ 53.22	0	D	
Common Stock	01/07/2010	01/07/2010	M	4,000	A	\$ 27.7	4,000	D	
Common Stock	01/07/2010	01/07/2010	S	4,000 (2)	D	\$ 53.22	0	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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. Transactic 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options	\$ 24.39	01/07/2010		M	2,000	06/29/2006	06/29/2015	Common Stock	2,000
Stock Options	\$ 27.7	01/07/2010	01/07/2010	M	4,000	06/26/2007	06/26/2016	Common Stock	4,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

GRAY R PAUL C/O UNITED THERAPEUTICS CORP 1110 SPRING STREET SILVER SPRINGS, MD 20910



Signatures

/s/ Paul A. Mahon under Power of Attorney

01/08/2010

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- (1) This exercise and sale of stock options was carried out pursuant to a prearranged trading plan entered into by the reporting person on November 20, 2008.
- (2) This exercise and sale of stock options was carried out pursuant to a prearranged trading plan entered into by the reporting person on November 20, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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