ANGEL STEPHEN F Form 4 March 02, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations may continue.

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * ANGEL STEPHEN F			2. Issuer Name and Ticker or Trading Symbol PRAXAIR INC [PX]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	X Director 10% Owner		
C/O PRAXAIR, INC., 39 OLD RIDGEBURY ROAD			02/26/2010	X Officer (give title Other (specify below)		
				President & CEO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
DANBURY,	CT 06810-5	113		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) 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. Transacti Code (Instr. 8)	(A) or		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)	
Common Stock							2,268	I	In trust for children
Common Stock							50,990	I	Joint Tenant with Wife
Common Stock							5,544.8825	I	401(k)
Common Stock	02/26/2010		M	12,531.2 (1)	A	\$0	36,448.257 (2)	D	

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Common Stock 02/26/2010 F 5,373.5955 D 31,074.6615 D 75.005 C

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number of Derivative TransactionSecurities Acquired (A) Code or Disposed of (D) (Instr. 8) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying Se (Instr. 3 and 4	
	Security						Date Exercisable	Expiration Date	Title
Performance Share Units	\$ 0 (4)	02/26/2010		Code V A	(A) 12,531.2	(D)	<u>(4)</u>	<u>(4)</u>	Common Stock
Performance Share Units	<u>(4)</u>	02/26/2010		M		12,531.2 (1)	<u>(4)</u>	<u>(4)</u>	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
ANGEL STEPHEN F C/O PRAXAIR, INC. 39 OLD RIDGEBURY ROAD DANBURY CT 06810-5113	X		President & CEO				

Signatures

Anthony M. Pepper,
Attorney-in-Fact 03/02/2010

**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) Shares of common stock acquired pursuant to the payout of a performance share unit grant made on February 26, 2008 (the "PSU").
- (2) Includes shares of unvested restricted stock including shares acquired upon dividend reinvestment.

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- (3) Shares of common stock withheld from the PSU payout to cover tax withholdings.
 - The PSU vested on February 26, 2010, and the number of shares awarded and paid out was determined based upon the combined
- (4) financial performance of Praxair, Inc. for 2008 and 2009 measured against financial goals set by the Compensation and Management Development Committee of the Board of Directors.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.