THOMAS SAMUEL F

Form 4

Common Stock, par

value \$0.01 per share

Common

Stock, par value \$0.01

01/24/2011

01/24/2011

February 24, 2011

February 24,	2011									
FORM	Ι Δ							OMB AF	PPROVAL	
	UNITED	STATES		RITIES A shington,			COMMISSION	OMB Number:	3235-0287	
Check this box if no longer subject to Section 16. Form 4 or Section 2 Section 2 Section 2 Section 3 Section 3 Section 3 Section 4 or							Expires: January 31 2009 Estimated average burden hours per response 0.9			
may continues See Instruction 1(b).	Form 5 obligations may continue. See Instruction 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									
(Print or Type R	Responses)									
1. Name and A THOMAS S	ddress of Reporting I	Person *	Symbol	r Name and Γ INDUST		Trading	5. Relationship of Issuer			
(Last)	(First) (N	Middle)	3. Date of Earliest Transaction (Check					k all applicable)		
ONE INFINITY CORPORATE CENTRE DRIVE			(Month/Day/Year) 01/24/2011				_X_ Director 10% Owner Officer (give title Other (specify below)			
(Street) 4. If Amendment, Date Original Filed(Month/Day/Year) GARFIELD HEIGHTS, OH 44125					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative S	Securities Acc	quired, Disposed of	. or Reneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	ned	3.	4. Securit	ies Acquired sposed of (D)	5. Amount of	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect	
Common Stock, par value \$0.01 per share				Code V	Amount	(D) Price	130,000	I	By spouse	

G V 535

G V 535

D

A

\$0

\$0

159,855 <u>(2)</u>

21,245

D

I

By Trust

(3)

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per share								
Common Stock, par value \$0.01 per share	01/24/2011	G	V	350	D	\$0	159,505 (2)	D
Common Stock, par value \$0.01 per share	01/24/2011	G	V	350	D	\$0	159,155 (2)	D
Common Stock, par value \$0.01 per share	01/24/2011	G	V	350	D	\$0	158,805 (2)	D
Common Stock, par value \$0.01 per share	02/22/2011	A		5,610 (4)	A	\$0	164,415 (2)	D
Common Stock, par value \$0.01 per share	02/22/2011	F		1,827 (5)	D	\$ 39.33	162,588 (2)	D
Common Stock, par value \$0.01 per share	02/22/2011	F		4,697 (6)	D	\$ 39.33	157,891 (2)	D

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

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 control number.

SEC 1474 (9-02)

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

Conversion	(Month/Day/Year)							
	(Mondin Day) Tear)	Execution Date, if	TransactionNumber		Expiration Date		Underlying Securities	
or Exercise		any	Code	of	(Month/Day/Y	ear)	(Instr. 3 and	4)
Price of		(Month/Day/Year)	(Instr. 8)	Derivative	•			
Derivative				Securities				
Security				Acquired				
				(A) or				
				Disposed				
				of (D)				
				(Instr. 3,				
				4, and 5)				
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
E	Derivative	Price of Derivative	Price of (Month/Day/Year) Derivative	Price of (Month/Day/Year) (Instr. 8) Derivative	Price of (Month/Day/Year) (Instr. 8) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Price of (Month/Day/Year) (Instr. 8) Derivative Securities Security Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Exercisable	Price of (Month/Day/Year) (Instr. 8) Derivative Securities Security Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Expiration Exercisable Date	Price of (Month/Day/Year) (Instr. 8) Derivative Securities Security Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Expiration Title Exercisable Date

8. P Der Sec (Ins

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Stock Option (Right to Buy) (1)	\$ 6.5	<u>(7)</u>	11/23/2015	Common Stock	237,388
Stock Option (Right to Buy) (1)	\$ 6.5	06/12/2007	11/23/2015	Common Stock	356,876
Stock Option (Right to Buy) (1)	\$ 27.74	<u>(9)</u>	08/02/2017	Common Stock	18,300
Stock Option (Right to Buy) (1)	\$ 30.95	(10)	01/02/2018	Common Stock	18,950
Stock Option (Right to Buy) (1)	\$ 11	(11)	01/02/2019	Common stock	50,000
Stock Option (Right to Buy) (1)	\$ 17.03	(12)	01/04/2020	Common Stock	47,170
Stock Option (Right to Buy) (1)	\$ 36.45	(13)	01/03/2011	Common Stock	33,070

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
THOMAS SAMUEL F							
ONE INFINITY CORPORATE CENTRE DRIVE	X		Chairman, CEO and President				
GARFIELD HEIGHTS OH 44125							

Signatures

/s/ Samuel F. Thomas, by Matthew J. Klaben, his attorney-in-fact pursuant to Power of Attorney dated June 29, 2006 on file with the Commission

**Signature of Reporting Person Date

Reporting Owners 3

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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) No transaction is being reported on this line. Reported on a previously filed Form 4 or Form 5.
- 43,420 and 12,990 shares of the total amount beneficially owned were granted on February 22, 2010 and January 3, 2011, respectively,
 pursuant to restricted stock award agreements under the Chart Industries, Inc. 2009 Omnibus Equity Plan in an exempt transaction under Rule 16b-3. The restricted stock awards vest in equal installments on each of the first three anniversaries of the date of grant.
- Held by trust for the benefit of the reporting person's daughter. The reporting person disclaims beneficial ownership of the shares held by the trust, and this report should not be deemed an admission that the reporting person is the beneficial owner of the trust's shares for purposes of Section 16 or for any other purpose.
- (4) Represents performance units granted on January 2, 2008 under the Chart Industries, Inc. 2005 Stock Incentive Plan that have vested and are paid out in shares of common stock.
- (5) The reporting person surrendered 1,827 shares upon vesting of performance units, to satisfy tax withholding liabilities, in an exempt transaction under Rule 16b-3.
- (6) The reporting person surrendered 4,697 shares upon vesting of 1/3 of the reporting person's February 22, 2010 restricted stock award, to satisfy tax withholding liabilities, in an exempt transaction under Rule 16b-3.
- These options were granted on November 23, 2005 pursuant to the terms of the Chart Industries, Inc. Amended and Restated 2005 Stock (7) Incentive Plan in an exempt transaction under Rule 16b-3. The options vest annually from the date of grant in equal installments over five years based on continued service.
- These options were granted on November 23, 2005 as performance options under the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan in an exempt transaction under Rule 16b-3 and became fully vested on June 12, 2007.
- These options were granted on August 2, 2007 pursuant to the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 2, 2008 pursuant to the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan (10) in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 2, 2009 pursuant to the Chart Industries, Inc. Amended and Restated 2005 Stock Incentive Plan (11) in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 4, 2010 pursuant to the Chart Industries, Inc. 2009 Omnibus Equity Plan in an exempt (12) transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.
- These options were granted on January 3, 2011 pursuant to the Chart Industries, Inc. 2009 Omnibus Equity Plan in an exempt transaction under Rule 16b-3. The options vest with respect to one-fourth (1/4) of the total number of shares of common stock underlying the stock options on each of the first four anniversaries of the date of grant.

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.