3D SYSTEMS CORP

Form 4

August 21, 2007

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

January 31, Expires: 2005 Estimated average

OMB APPROVAL

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

burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

Form 4 or

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * LOEWENBAUM G WALTER II

2. Issuer Name and Ticker or Trading Symbol

30(h) of the Investment Company Act of 1940

5. Relationship of Reporting Person(s) to

Issuer

3D SYSTEMS CORP [TDSC]

(Check all applicable)

(First)

(Middle)

3. Date of Earliest Transaction (Month/Day/Year)

_X__ Director 10% Owner _ Other (specify Officer (give title

C/O 3D SYSTEMS CORPORATION, 333 THREE D SYSTEMS CORPORATION

> (Street) 4. If Amendment, Date Original

08/20/2007

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

ROCK HILL, SC 29730

(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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	08/20/2007		S	600	D	\$ 22.16	604,678	D	
Common Stock	08/20/2007		S	500	D	\$ 22.25	604,178	D	
Common Stock	08/20/2007		S	100	D	\$ 22.27	604,078	D	
Common Stock	08/20/2007		S	4,200	D	\$ 22.3	599,878	D	
Common Stock	08/20/2007		S	100	D	\$ 22.31	599,778	D	

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Common Stock	08/20/2007	S	2,800	D	\$ 22.32	596,978	D	
Common Stock	08/20/2007	S	800	D	\$ 22.41	596,178	D	
Common Stock	08/20/2007	S	2,100	D	\$ 22.45	594,078	D	
Common Stock	08/20/2007	S	2,000	D	\$ 22.46	592,078	D	
Common Stock	08/20/2007	S	100	D	\$ 22.47	591,978	D	
Common Stock	08/20/2007	S	200	D	\$ 22.52	591,778	D	
Common Stock	08/20/2007	S	100	D	\$ 22.53	591,678	D	
Common Stock	08/20/2007	S	200	D	\$ 22.54	591,478	D	
Common Stock	08/20/2007	S	700	D	\$ 22.55	590,778	D	
Common Stock	08/20/2007	S	92	D	\$ 22.56	590,686	D	
Common Stock	08/20/2007	S	300	D	\$ 22.63	590,386	D	
Common Stock	08/20/2007	S	100	D	\$ 22.65	590,286	D	
Common Stock						645,566	I	See Footnotes (1) (2) (3)

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative		Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own
	Security				Acquired				Follo
					(A) or				Repo
					Disposed				Trans
					of (D)				(Instr

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(Instr. 3, 4, and 5)

Date Expiration or Number of Shares

Code V (A) (D)

Exercisable Date Title Of Shares

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LOEWENBAUM G WALTER II C/O 3D SYSTEMS CORPORATION 333 THREE D SYSTEMS CORPORATION ROCK HILL, SC 29730

X

Signatures

/s/ Robert M. Grace, Jr., Attorney-in-fact 08/21/2007

**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).

Includes (a) 65,018 shares held in the name of Lillian Shaw Loewenbaum, the Reporting Person's wife, (b) 11,093 shares held in the name of The Lillian Shaw Loewenbaum Trust for which the Reporting Person and his wife serve as trustees, (c) 102,147 shares held in

- (1) the name of The Loewenbaum 1992 Trust for which the Reporting Person and his wife serve as trustees, (d) 201,900 shares held in the name of G. Walter Loewenbaum CGM Profit Sharing Custodian, G. Walter Loewenbaum Trustee, and items (e), (f), (g), (h) and (i) in footnote 2.
 - Includes (e) 46,878 shares held in the name of the Anna Willis Loewenbaum 1993 Trust for which the Reporting Person and his wife serve as trustees, (f) 46,878 shares held in the name of the Elizabeth Scott Loewenbaum 1993 Trust for which the Reporting Person and
- (2) his wife serve as trustees, (g) 20,771 shares held in the name of Wally's Trust u/w/o Joel Simon Loewenbaum, G. Walter Loewenbaum Trustee, (h) 141,057 shares held in the name of The GWL 2006 Annuity Trust, G. Walter Loewenbaum Trustee, and (i) 9,824 shares held in the name of Waterproof Partnership, L.P. of which the Reporting Person and the Reporting Person's wife are the general partners.
- (3) The Reporting Person disclaims beneficial ownership of these securities except to the extent of any pecuniary interest therein.

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.

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