3D SYSTEMS CORP

Check this box

if no longer

Section 16.

Form 4 or

subject to

Form 4

August 15, 2007

FORM 4

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

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

OMB APPROVAL

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

3D SYSTEMS CORP [TDSC]

(Check all applicable)

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

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

C/O 3D SYSTEMS CORPORATION, 333 THREE D

SYSTEMS CIRCLE

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

08/14/2007

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)			ed of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common	08/14/2007		Code V	Amount 3,872	or (D) D	Price \$	(Instr. 3 and 4) 632,020	D				
Stock Common Stock	08/14/2007		S	2,900	D	21.45 \$ 21.46	629,120	D				
Common Stock	08/14/2007		S	100	D	\$ 21.47	629,020	D				
Common Stock							645,566	I	See Footnotes (1) (2) (3)			

Edgar Filing: 3D SYSTEMS CORP - Form 4

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)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

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 Exerc	cisable and	7. Title	e and	8. Price of	٩
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	ate	Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)]
	Derivative				Securities	Securities		(Instr. 3 and 4)			(
	Security				Acquired						J
					(A) or				J		
					Disposed						7
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date Exercisable	Expiration Date	Title N	Number		
									of		
				Code V	(A) (D)				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 CIRCLE ROCK HILL, SC 29730

X

Signatures

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

08/15/2007

**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.
- (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 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

Reporting Owners 2

Edgar Filing: 3D SYSTEMS CORP - Form 4

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.