

LOEWENBAUM G WALTER II  
Form 4  
August 23, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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 Responses)

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

(Last) (First) (Middle)

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

(Street)

ROCK HILL, SC 29730

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
3D SYSTEMS CORP [TDSC]

3. Date of Earliest Transaction (Month/Day/Year)  
08/22/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

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

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

**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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)	
				(A) or (D)	Price			
				Code	V	Amount		
Common Stock	08/22/2007		S	1,732	D	\$ 21	577,954	D
Common Stock	08/22/2007		S	1,700	D	\$ 21.05	576,254	D
Common Stock	08/22/2007		S	700	D	\$ 21.06	575,554	D
Common Stock	08/22/2007		S	900	D	\$ 21.09	574,654	D
Common Stock	08/22/2007		S	700	D	\$ 21.1	573,954	D

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Common Stock	08/22/2007		S	100	D	\$ 21.12	573,854	D	
Common Stock	08/22/2007		S	175	A	\$ 21.16	573,679	D	
Common Stock	08/22/2007		S	175	D	\$ 21.17	573,504	D	
Common Stock	08/22/2007		S	400	D	\$ 21.2	573,104	D	
Common Stock	08/22/2007		S	200	D	\$ 21.23	572,904	D	
Common Stock	08/22/2007		S	100	D	\$ 21.24	572,804	D	
Common Stock	08/22/2007		S	700	D	\$ 21.27	572,104	D	
Common Stock	08/22/2007		S	100	D	\$ 21.36	572,004	D	
Common Stock	08/22/2007		S	1,606	D	\$ 21.45	570,398	D	
Common Stock	08/22/2007		S	1,000	D	\$ 21.5	569,398	D	
Common Stock	08/22/2007		S	100	D	\$ 21.52	569,298	D	
Common Stock	08/22/2007		S	300	D	\$ 21.53	568,998	D	
Common Stock	08/22/2007		S	200	D	\$ 21.54	568,798	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 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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 5)
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(A) or  
 Disposed  
 of (D)  
 (Instr. 3,  
 4, and 5)

Repor  
 Trans  
 (Instr

Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
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## 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,  
 Attorney-in-fact

08/23/2007

\*\*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).

(1) 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 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 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.