

LOEWENBAUM G WALTER II  
Form 4  
May 18, 2010

**FORM 4**

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

OMB APPROVAL

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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

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
333 THREE D SYSTEMS CIRCLE  
(Street)  
ROCK HILL, SC 29730

3. Date of Earliest Transaction (Month/Day/Year)  
05/18/2010

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

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

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 Ownership Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	05/18/2010		A		3,000	A	11 818,444
Common Stock						I	251,900
Common Stock						I	102,147

By G. Walter Loewenbaum CGM Profit Sharing Custodian <sup>(2)</sup> <sub>(3)</sub>

By The Loewenbaum 1992 Trust <sup>(3)</sup> <sub>(4)</sub>

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Common Stock	110,847	I	By spouse <sup>(3)</sup>
Common Stock	11,093	I	By The Lillian Shaw Loewenbaum Trust <sup>(3)</sup> <sup>(4)</sup>
Common Stock	33,509	I	By Anna Willis Loewenbaum 1993 Trust <sup>(3)</sup> <sup>(4)</sup>
Common Stock	49,579	I	The Elizabeth Scott Loewenbaum 1993 Trust <sup>(3)</sup> <sup>(4)</sup>
Common Stock	21,824	I	By The Wally's Trust u/w/o Joel Simon Loewenbaum <sup>(3)</sup> <sup>(5)</sup>
Common Stock	23,855	I	By The Waterproof Partnership, L.P. <sup>(3)</sup> <sup>(6)</sup>
Common Stock	79,408	I	By The GWL 2008 Annuity Trust <sup>(3)</sup> <sup>(5)</sup>

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.**

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(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 (A) or Disposed of (D) (Instr. 3,	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. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
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4, and 5)

	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Code V (A) (D)				

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LOEWENBAUM G WALTER II 333 THREE D SYSTEMS CIRCLE ROCK HILL, SC 29730	X			

## Signatures

/s/ Robert M. Grace, Jr., Attorney-in-Fact	05/18/2010
__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) These shares were awarded to the Reporting Person pursuant to the 2004 Restricted Stock Plan for Non-Employee Directors, and the Reporting Person purchased these shares at par value, or \$0.001 per share.
- (2) Mr. Loewenbaum serves as Trustee. This is Mr. Loewenbaum's pension plan.
- (3) The Reporting Person disclaims beneficial ownership of these securities except to the extent of any pecuniary interest therein.
- (4) Mr. and Mrs. Loewenbaum serve as Trustees.
- (5) Mr. Loewenbaum serves as Trustee.
- (6) Mr. and Mrs. Loewenbaum are the general partners.

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.