

LOEWENBAUM G WALTER II
 Form 4
 August 12, 2009

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

(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)
 08/11/2009

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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	08/11/2009		P	A	\$ 7.2	778,544	D
Common Stock	08/11/2009		P	A	\$ 7.21	781,344	D
Common Stock						201,900	I

By G. Walter Lowenbaum
 CGM Profit Sharing Custodian ⁽¹⁾
(2)

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Common Stock		102,147	I	By The Loewenbaum 1992 Trust <u>(2)</u> <u>(3)</u>
Common Stock		100,018	I	By spouse <u>(2)</u>
Common Stock		11,093	I	By The Lillian Shaw Loewenbaum Trust <u>(2)</u> <u>(3)</u>
Common Stock		33,509	I	By Anna Willis Loewenbaum 1993 Trust <u>(2)</u> <u>(3)</u>
Common Stock		49,579	I	By the Elizabeth Scott Loewenbaum 1993 Trust <u>(2)</u> <u>(3)</u>
Common Stock		20,771	I	By Wally's Trust u/w/o Joel Simon Loewenbaum Trust <u>(2)</u> <u>(4)</u>
Common Stock		23,855	I	By Waterproof Partnership, L.P. <u>(2)</u> <u>(5)</u>
Common Stock		150,000	I	By The GWL 2008 Annuity Trust <u>(2)</u> <u>(4)</u>

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Derivative Security (Instr. 5)	9. Net Beneficial
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Derivative Security	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Instr. 3 and 4)	Own Follo Repo Trans (Instr
	Code V (A) (D)	Date Exercisable	Expiration Date
		Title	Amount or Number 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 CIRCLE ROCK HILL, SC 29730	X			

Signatures

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

08/12/2009

**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) The Reporting Person serves as trustee of his pension plan.
- (2) The Reporting Person disclaims beneficial ownership of these securities except to the extent of any pecuniary interest therein.
- (3) The Reporting Person and his spouse serve as trustees.
- (4) The Reporting Person serves as trustee.
- (5) The Reporting Person and his spouse 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.