

LOEWENBAUM G WALTER II
 Form 4
 August 19, 2005

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, 26081 AVENUE HALL

(Street)

VALENCIA, CA 91355

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
 08/18/2005

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)	Code	V	Amount	(D)	Price

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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Security
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)	
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title
6% Subordinated Convertible Debentures due 2013	\$ 10.18	08/18/2005	P	\$ 50,000 (1)	11/26/2003	11/30/2013	Common Stock
6% Subordinated Convertible Debentures due 2013	\$ 10.18				11/26/2003 ⁽⁴⁾	11/30/2013	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LOEWENBAUM G WALTER II C/O 3D SYSTEMS CORPORATION 26081 AVENUE HALL VALENCIA, CA 91355	X			

Signatures

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

08/19/2005

**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 securities were purchased by the reporting person in the reported transaction from STI Healthcare Inc., for which the reporting person serves as president and is a majority stockholder. The reported securities were included as indirectly held securities in the reporting person's Forms 4 filed with the Securities and Exchange Commission on December 1, 2003 and December 2, 2003.

(2) Of these securities, (a) \$75,000 are held by Anna Willis Loewenbaum 1993 Trust, for which the reporting person serves as trustee, (b) \$75,000 are held by Elizabeth Scott Loewenbaum 1993 Trust, for which the reporting person serves as trustee, (c) \$200,000 are held by Lillian Shaw Loewenbaum, the reporting person's wife, (d) \$50,000 are held by The Lillian Shaw Loewenbaum Trust, for which the reporting person's wife serves as trustee, (e) \$200,000 are held by The Loewenbaum 1992 Trust, for which the reporting person and Mrs. Loewenbaum serve as trustees, (f) \$100,000 are held by The Waterproof Partnership, L.P., for which the reporting person and Mrs. Loewenbaum serve as the general partners and as certain of the limited partners, and (g) \$100,000 are held by Wally's Trust u/w/o Joel Simon Loewenbaum, for which the reporting person serves as trustee.

(3)

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The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, and this report shall not be deemed an admission that the reporting person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose

- (4) The securities reported herein as held by Wally's Trust u/w/o Joel Simon Loewenbaum were exercisable as of December 1, 2003. All other securities reported in this Form 4 were exercisable as of November 26, 2003.

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.