3 D SYSTEMS CORP Form SC 13G/A February 13, 2002

OMB APPROVAL

OMB Number: 3235-0145 Expires: August 31, 1999 Estimated average burden hours per response 14.90

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 1)

Three D Systems Corp
(Name of Issuer)

Common Shares (Title of Class of Securities)

88554d205 (CUSIP Number)

December 31, 2001 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

 $/_X_/$ Rule 13d-2(b)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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 control number. SEC 1745 (3-98) Page 1 of 9

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NAME OF REPORTING PERSONS IRS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

RS Investment Management Co. LLC

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

	(a) / / (b) / /					
3	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
	Delaware					
	NUMBER OF 5 SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		VOTING POWER			
		6	SHARED VOTING POWER			
		7	SOLE DISPOSITIVE POWER			
		8	SHARED DISPOSITIVE POWER	_		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON -0-					
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 0.0% TYPE OF REPORTING PERSON (See Instructions) OO, HC					
CUSIP	No. 88554d205		13G	Page 3 of 9		
CUSIP	NAME OF REPORTING PER	SONS		Page 3 of 9		
	NAME OF REPORTING PER IRS IDENTIFICATION NO RS Investment Managem	SONS S. OF AB ent, L.P	OVE PERSONS (ENTITIES ONLY)	Page 3 of 9		
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12	NAME OF REPORTING PER IRS IDENTIFICATION NO RS Investment Managem CHECK THE APPROPRIATE (a) / / (b) / / SEC USE ONLY CITIZENSHIP OR PLACE California	SONS S. OF AB ent, L.P BOX IF OF ORGAN	OVE PERSONS (ENTITIES ONLY) A MEMBER OF A GROUP (See Instructions)	Page 3 of 9		
12	NAME OF REPORTING PER IRS IDENTIFICATION NO RS Investment Managem CHECK THE APPROPRIATE (a) / / (b) / / SEC USE ONLY CITIZENSHIP OR PLACE California	SONS S. OF AB ent, L.P BOX IF OF ORGAN SOLE	OVE PERSONS (ENTITIES ONLY) A MEMBER OF A GROUP (See Instructions)	Page 3 of 9		

	REPORTING PERSON WITH	 7	SOLE DISPOSITIVE POWER				
		8	SHARED DISPOSITIVE POWE -0-	ER			
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON -0-						
			IN ROW (9) EXCLUDES CERT				
	PERCENT OF CLA	CLASS REPRESENTED BY AMOUNT IN ROW 9					
12	TYPE OF REPORT	'ING PERSON (See I					
CUSIP 1	No. 88554d205		13G	Page 4 of 9			
			ce of the Issuer is locat	ted at: 26081			
	a-c) See Annex	I for information y, the "Filers")	n on the persons filing t	this			
	d) This stateme Stock").	ent relates to sha	ares of common stock of	the Issuer			
(6	e) The CUSIP nu	mber of the Stock	c is 88554d205.				
CUSIP 1	No. 88554d205		13G	Page 5 of 9			
		-	rsuant to rule 240.13d-1 person filing is a:	(b) or			
U.S.C.	(a) 78o).	Broker or deale	er registered under sect	ion 15 of the Act (15			
78c).	(b)	Bank as defined	d in section 3(a)(6) of	the Act (15 U.S.C.			
(15 U.S	(c) S.C. 78c).	Insurance compa	any as defined in section	n 3(a)(19) of the Act			
Investr	(d) ment Company Act	Investment composed of 1940 (15 U.S.	pany registered under second.C. 80a-8).	ction 8 of the			

(e) 1(b)(1)(ii)(E).	An investment adv	viser in accordance w	ith 240.13d-				
(f) with 240.13d-1(b)(1)(i		fit plan or endowment	fund in accordance				
(g) with 240.13d-1(b)(1)(i		company or control p	erson in accordance				
(h) Federal Deposit Insura		ation as defined in s 1813).	ection 3(b) of the				
(i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).							
(j) _X_	Group, in accorda	ance with section 240	.13d-1(b)(1)(ii)(J)				
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ITEM 4. OWNERSHIP							
See Items 5-9 and 11 on the cover page for each Filer.							
ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS							
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following $/_X_/$.							
ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON							
Not applicable.							
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ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY							
Not applicable.							
ITEM 8. IDENTIFICATIO	N AND CLASSIFICATION	ON OF MEMBERS OF THE	GROUP				
See Annex I							
ITEM 9. NOTICE OF DIS	SOLUTION OF GROUP						
Not applicable.							
ITEM 10. CERTIFICATION							
By signing below I certify that, to the best of my knowledge and belief,							

the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with

or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 4, 2002

RS INVESTMENT MANAGEMENT CO. LLC
By: /s/ G. Randall Hecht
G. Randall Hecht

Chief Executive Officer

RS INVESTMENT MANAGEMENT, LP.
By: /s/ G. Randall Hecht

G. Randall Hecht Chief Executive Officer

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EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(f)(1). Each of them is responsible for the timely filing of the Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is accurate.

Dated: February 4, 2002

RS INVESTMENT MANAGEMENT CO. LLC
By: /s/ G. Randall Hecht
G. Randall Hecht

Chief Executive Officer

RS INVESTMENT MANAGEMENT, LP.

By: /s/ G. Randall Hecht
G. Randall Hecht

Chief Executive Officer

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Annex I

The filers are:

- I. (a) RS Investment Management Co. LLC, is a Delaware Limited Liability Company.
- (b) holding company

II. (a) RS Investment Management, L.P. is a California Limited Partnership

(b) registered investment adviser