NIERENBERG DAVID Form SC 13D/A December 09, 2005

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

SCHEDULE 13D Under the Securities Act of 1934 (Amendment No. 2)

BROOKS AUTOMATION, INC. (BRKS) (Name of Issuer)

Common Stock (Title of Class of Securities)

> 114340102 (CUSIP Number)

David Nierenberg

The D3 Family Funds

19605 NE 8th Street

Camas, WA 98607

360-604-8600

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

November 17, 2005 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D and is filing this schedule because of ss.ss.240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box: $|_|$

_____ 1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON The D3 Family Fund, L.P. (David Nierenberg is president of the General Partner, which is Nierenberg Investment Management Company.) _____ 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) |X| (b) |_| _____ 3 SEC USE ONLY _____ SOURCE OF FUNDS* 4

5	5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _					
6	CITIZENSH	IP OF	R PLACE OF ORGANIZATION			
	Washingto	n				
		7	SOLE VOTING POWER			
			1,527,032 common shares (2.0%)			
NU	JMBER OF	8	SHARED VOTING POWER			
	SHARES EFICIALLY		0			
OV	NED BY EACH	 9	SOLE DISPOSITIVE POWER			
	PORTING PERSON		1,527,032			
	WITH	 10	SHARED DISPOSITIVE POWER			
			0			
 11	ACCRECATE		JNT BENEFICIALLY OWNED BY EACH REPORTING PERSO			
			res (4.2%)	14		
12	CHECK BOX	⊥r .	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERT	AIN SH	IARE5^ _	
13	PERCENT O	F CLZ	ASS REPRESENTED BY AMOUNT IN ROW (11)			
	4.2%					
14	TYPE OF REPORTING PERSON*					
PN						
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
			2			
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON					
		Retirement Fund, L.P. (David Nierenberg is pr er, which is Nierenberg Investment Management				
2	СНЕСК ТНЕ	APPI	COPRIATE BOX IF A MEMBER OF A GROUP*			
				(a) (b)	X 	
 3	SEC USE O					

4	SOURCE OF	FUNI	S*				
	WC						
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _						
6	CITIZENSH	IP OF	PLACE OF ORGANIZATION				
	Washingto	n					
	JMBER OF SHARES EFICIALLY WNED BY EACH	7	SOLE VOTING POWER				
			454,000 common shares (0.6%)				
		8	SHARED VOTING POWER				
BENE			0				
		9	SOLE DISPOSITIVE POWER				
	PORTING PERSON		454,000				
	WITH	10	SHARED DISPOSITIVE POWER				
			0				
11	AGGREGATE	AMOU	INT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	3,148,802	shai	res (4.2%)				
12	CHECK BOX	IF 1	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTA	IN SHARES* _			
 13	PERCENT O	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)					
	4.2%						
14	TYPE OF REPORTING PERSON*						
	PN						
			*SEE INSTRUCTIONS BEFORE FILLING OUT!				
			3				
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON						
			en's Fund, L.P. (David Nierenberg is president n is Nierenberg Investment Management Company.)	of the General			
2	CHECK THE	APPI	COPRIATE BOX IF A MEMBER OF A GROUP*	(a) X (b) _			

_____ 3 SEC USE ONLY _____ 4 SOURCE OF FUNDS* WC _____ _____ CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED 5 PURSUANT TO ITEMS 2(d) OR 2(e) 1_1 _____ 6 CITIZENSHIP OR PLACE OF ORGANIZATION Washington _____ 7 SOLE VOTING POWER 116,360 common shares (0.2%) _____ _____ NUMBER OF 8 SHARED VOTING POWER SHARES 0 BENEFICIALLY OWNED BY _____ 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 116,360 WITH _____ 10 SHARED DISPOSITIVE POWER 0 _____ AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 11 3,148,802 shares (4.2%) _____ CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_| 12 _____ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13 4.2% _____ _____ 14 TYPE OF REPORTING PERSON* PN _____ *SEE INSTRUCTIONS BEFORE FILLING OUT! 4 _____ NAME OF REPORTING PERSON 1 S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON The D3 Offshore Fund, L.P. (David Nierenberg is president of the General Partner, which is Nierenberg Investment Management Company.)

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2	CHECK THE	APPI	ROPRIATE BOX IF A MEMBER OF A GROUP*		X _	
3	SEC USE O	NLY				
4	SOURCE OF	FUNI)S*			
	WC					
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED TEMS 2(d) OR 2(e)		_	
6	CITIZENSH	IP OF	R PLACE OF ORGANIZATION			
	Bahamas					
		7	SOLE VOTING POWER			
			750,160 common shares (1.0%)			
	UMBER OF	8	SHARED VOTING POWER			
BEN	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		0			
			SOLE DISPOSITIVE POWER			
			750,160			
			SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERS	 ON		
	3,148,802	shai	ces (4.2%)			
12	CHECK BOX	IF 1	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN S	HARES*	_
 13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)					
	4.2%					
 14	TYPE OF R	EPOR	ING PERSON*			
	PN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
			5			

		E	Edgar Filing: NIERENBERG DAVID - Form SC 13I	D/A				
	S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON							
	president	of	Bulldog Fund, L.P. (David Nierenberg is the General Partner, which is Nierenberg nagement Company.)					
2	CHECK THE	APP	ROPRIATE BOX IF A MEMBER OF A GROUP*		X _			
3	SEC USE O	NLY						
4	SOURCE OF	FUN	DS*					
	WC							
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _							
6	CITIZENSHIP OR PLACE OF ORGANIZATION							
	Washington							
	JMBER OF SHARES	7	SOLE VOTING POWER					
			301,250 common shares (0.4%)					
		8	SHARED VOTING POWER					
BENE	FICIALLY NED BY		0					
	EACH CPORTING	9	SOLE DISPOSITIVE POWER					
	ERSON WITH		301,250					
	WIII	10	SHARED DISPOSITIVE POWER					
			0					
11	AGGREGATE	AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERS	ON				
	3,148,802 shares (4.2%)							
12	CHECK BOX	IF '	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN S	HARES*	_		
13	PERCENT O	F CL	ASS REPRESENTED BY AMOUNT IN ROW (11)					
	4.2%							
14	TYPE OF R	EPOR'	TING PERSON*					
	PN	PN						

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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Item 1. Security and Issuer.

Common stock in BROOKS AUTOMATION, INC. (BRKS) 15 Elizabeth Drive, Chelmsford, MA 01824-4111.

Item 2. Identity and Background.

The D3 Family Funds are Washington State limited partnerships, whose principal business is investing in the equities of public micro-cap issuers. The D3 Family Funds consist of: D3 Family Fund, L.P, D3 Family Retirement Fund, L.P, D3 Children's Fund, L.P, D3 Offshore Fund, L.P., D3 Family Bulldog Fund, L.P. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by their partners.

Item 4. Purpose of Transaction

Solely as a result of Brooks' recent acquisition of Helix Technology for Brooks' stock, our ownership percentage of Brooks has fallen below the 5% filing threshold. We do want to point out, however, that, since filing our prior 13D we have bought 577,646 more shares of Brooks.

We have made these additional purchases because we continue to believe that Brooks is extremely undervalued using almost any relevant definition of value: relative to the company's long term revenue and earnings growth potential, relative to its strong balance sheet, relative to its leading competitive position in outsourced tool automation systems and service, relative to the increasing penetration of tool outsourcing, and relative to its complete and capable management team.

We attribute the persistence of Brooks' undervaluation to three short term factors, all of which we expect to decline in importance over the coming months. First, some Helix shareholders currently are selling the Brooks shares they received in exchange for their Helix shares. We believe this is happening either because they earned an acceptable return on their Helix investment or because they only invest in companies which pay dividends, which Brooks does not. Second, Brooks' software division recently surprised and disappointed the financial community with weak sales and an operating loss. Corporate management moved quickly to downsize the software division and narrow sharply its strategic focus, which had been overbroad. We expect immediate and substantial improvement in the operating performance of Brooks Software and further expect that it soon will become, as before, an opportunistic source of positive cash for the parent. More

important, though, is that Brooks' acquisition of Helix makes crystal clear that the parent's strategic focus is on outsourced tool automation systems and services. Third, some market pundits have been predicting a poor retail Christmas, projecting from that, weak consumer electronics sales, flagging demand for chips, and diminished appetite for

semiconductor capital equipment. To which we respond, based on our differing assessment of how well consumer electronics seem to be selling: "Bah, Humbug!"

We do have a second reason for amending our 13D, beyond updating our ownership numbers. Immediately before Thanksgiving, we sent a letter to the Chair of the Nominating and Governance Committee of Brooks' Board of Directors, setting forth our views on several matters of corporate governance. Unlike many other activist hedge funds, which seem to enjoy using their letters as rhetorical weapons, we have no plans to take our letter public. Diplomatic negotiations are best conducted diplomatically. Moreover, our relationship with Brooks is anything but adversarial. In fact, we are very pleased with their most recent addition to the board, which we view as extremely responsive to our concerns. Our only reason for disclosing the existence of our letter is that we believe that relevant federal regulations obligate us to do so.

Item 5. Interest in Securities of the Issuer.

(a,b) D3 Family Funds own and have sole voting and dispositive power over 3,148,802, 4.2% common shares of BRKS.

(C)

Fund	Transaction Date	Shares Bought	Price
D3 Family Fund, L.P. D3 Family Fund, L.P. D3 Family Fund, L.P. D3 Family Retirement Fund, L.P. D3 Childrens Fund, L.P. D3 Offshore Fund, L.P. D3 Offshore Fund, L.P.	10/11/2005 10/27/2005 10/28/2005 10/11/2005 10/28/2005 10/11/2005 10/27/2005	45,000 70,000 17,700 20,000 12,000 30,000 42,500	12.72 11.99 11.64 12.72 11.64 12.72 11.99
D3 Family Bulldog Fund, L.P.	10/11/2005	5,000	12.72
D3 Family Bulldog Fund, L.P.	10/27/2005	50,000	11.99
D3 Family Bulldog Fund, L.P.	10/28/2005	25,000	11.64

(d) N/A

(e) N/A

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Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits

N/A

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, each of the undersigned certifies that the information set forth in the Statement is true, complete and correct.

December 9, 2005

/s/ DAVID NIERENBERG

David Nierenberg President Nierenberg Investment Management Company, Inc., the General Partner of The D3 Family Funds

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