NIERENBERG INVESTMENT MANAGEMENT CO Form SC 13D/A December 30, 2005

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

SCHEDULE 13D Under the Securities Act of 1934 (Amendment No. 3)

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)

December 29, 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 Partner, which is Nierenberg Investment Management Company		eneral
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*		
		(a)	X
		(b)	_
3	SEC USE ONLY		
4	SOURCE OF FUNDS*		
	WC		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)		_

6	CITIZENSH	P OR PLACE OF ORGANIZATION	
	Washingto		
		7 SOLE VOTING POWER	
		1,769,532 Common shares (2.49	20)
NUMBER OF		8 SHARED VOTING POWER	
BENE	HARES FICIALLY	0	
OWNED BY EACH REPORTING PERSON		9 SOLE DISPOSITIVE POWER	
		1,769,532	
	WITH	10 SHARED DISPOSITIVE POWER	
		0	
11	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH	REPORTING PERSON
	3,728,802	shares (5.0%)	
12	CHECK BOX	IF THE AGGREGATE AMOUNT IN ROW (11	l) EXCLUDES CERTAIN SHARES* _
 13	PERCENT O	CLASS REPRESENTED BY AMOUNT IN RO	 DW (11)
	5.0%		
14	TYPE OF RI	PORTING PERSON*	
	PN		
		*SEE INSTRUCTIONS BEFORE FII	LLING OUT!
1		PORTING PERSON R.S. IDENTIFICATION NOS. OF ABOVE	PERSON
		ily Retirement Fund, L.P. (David M rtner, which is Nierenberg Investr	
2	CHECK THE	APPROPRIATE BOX IF A MEMBER OF A (GROUP* (a) X (b) _
3	SEC USE OI	LY	
4	SOURCE OF	FUNDS*	
	WC		
5		IF DISCLOSURE OF LEGAL PROCEEDINGS D ITEMS 2(d) OR 2(e)	S IS REQUIRED

6	CITIZENSH	IP OR	PLACE OF ORGANIZATION
	Washington	n 	
		7	SOLE VOTING POWER
			579,500 common shares (0.8%)
	JMBER OF SHARES	8	SHARED VOTING POWER
BENE	EFICIALLY		0
	NED BY EACH EPORTING	9	SOLE DISPOSITIVE POWER
	PERSON		579,500
	WITH	10	SHARED DISPOSITIVE POWER
			0
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	3,728,802	shar	es (5.0%)
12	СНЕСК ВОХ	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* _
 13	PERCENT OI	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)
	5.0%		
14	TYPE OF RI	EPORT	ING PERSON*
	PN		
			*SEE INSTRUCTIONS BEFORE FILLING OUT!
			3
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON
			n's Fund, L.P. (David Nierenberg is president of the General is Nierenberg Investment Management Company.)
2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP* (a) X (b) _
3	SEC USE OI	NLY	
4	SOURCE OF	FUND	S*

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	WC						
5	5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)			_			
6 CITIZENSHIP OR PLACE OF ORGANIZATION			R PLACE OF ORGANIZATION				
	Washingto	on 					
		7	SOLE VOTING POWER				
			158,860 common shares (0.2%)				
	UMBER OF	8	SHARED VOTING POWER				
BEN	SHARES EFICIALLY		0				
	WNED BY EACH	9	SOLE DISPOSITIVE POWER				
	EPORTING PERSON		158,860				
	WITH	10	SHARED DISPOSITIVE POWER				
			0				
12	3,728,802 shares (5.0%) 2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* _						
13	PERCENT (5.0%	OF CL	ASS REPRESENTED BY AMOUNT IN ROW (11)				
14		TYPE OF REPORTING PERSON*					
	PN 		*SEE INSTRUCTIONS BEFORE FILLING OUT!				
			4				
1			TING PERSON . IDENTIFICATION NOS. OF ABOVE PERSON				
			re Fund, L.P. (David Nierenberg is president o h is Nierenberg Investment Management Company.				
2	CHECK THE	E APP	ROPRIATE BOX IF A MEMBER OF A GROUP*	(a) X (b) _			
3	SEC USE C	 DNLY		· <u> </u>			

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_____ 4 SOURCE OF FUNDS* WC _____ CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED 5 PURSUANT TO ITEMS 2(d) OR 2(e) |_| _____ 6 CITIZENSHIP OR PLACE OF ORGANIZATION Bahamas _____ _____ 7 SOLE VOTING POWER 865,660 common shares (1.2%) _____ ------NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY _____ 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 865,660 WITH _____ 10 SHARED DISPOSITIVE POWER 0 ------11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,728,802 shares (5.0%) _____ CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_| 12 _____ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13 5.0% _____ 14 TYPE OF REPORTING PERSON* PN _____ *SEE INSTRUCTIONS BEFORE FILLING OUT! 5 _____ 1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON The D3 Family Bulldog 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|

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				(b)	_	
3	SEC USE OI	NLY				
4	SOURCE OF	FUNE	 9S*			
	WC					
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED TEMS 2(d) OR 2(e)		_	
6	CITIZENSH	IP OF	PLACE OF ORGANIZATION			
	Washingto	n				
		7	SOLE VOTING POWER			
			355,250 common shares (0.5%)			
	JMBER OF	8	SHARED VOTING POWER			
BENE	SHARES EFICIALLY WNED BY		0			
	EACH	9	SOLE DISPOSITIVE POWER			
	EPORTING PERSON WITH		355,250			
		10	SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERS	ON		
	3,728,802	shar	res (5.0%)			
12	CHECK BOX	IF 1	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN S	HARES*	_
13	PERCENT O	F CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)			
	5.0%					
14	TYPE OF RI	EPORI	'ING PERSON*			
	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

On December 29, we bought 580,000 more shares of BRKS, raising our aggregate ownership back to 5%. We believe that this purchase makes us BRKS' second largest shareholder.

Both factors mentioned in our prior 13D filing, dated December 9, 2005, plus a third factor, created this buying opportunity. First, some former Helix shareholders have been selling their BRKS shares either because they had achieved their investment objectives or because they only hold stocks which pay dividends. We believe, for example, that Helix' largest shareholder, which obtained nearly 8 million BRKS shares in exchange for its Helix shares, now has disposed of the majority of their BRKS shares. Second, some BRKS shareholders sold their shares out of frustration with the erratic recent performance of BRKS' software division. Third, and due in part to the two abovementioned factors, some BRKS shareholders have been selling their shares to realize income tax losses, since BRKS' share price (as of this instant) fell 26% this year and 46% over the last two years, (despite the substantial operating and strategic progress made by the company.)

Fortunately for those of us who want to be shareholders of BRKS--as it gains market share in its core business of robotic tool automation systems and service, as it penetrates more Tier One OEM accounts, and as it continues reducing the costs of the combined companies and generating free cash--we believe that the short term selling pressure on the stock price is now over. We believe this for the following reasons:

1. 2005 tax loss selling ends December 30.

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- 2. We believe that most selling by former shareholders of Helix is over.
- 3. The performance of BRKS' software division should begin showing substantial improvement because BRKS has sharpened its strategic focus and right-sized the division's costs. We also hope the division will have improved governance and oversight.
- 4. We are encouraged by Christmas retail sales, which augur well for the semiconductor industry and for BRKS as one its major equipment suppliers. According to SpendingPulse, aggregate

retail sales through December 24 rose 8.7% over 2004, considerably higher than had been forecast and greater than 2004's 6.7% gain, even in the face of higher fuel prices and the pricking of the housing bubble. Consumer electronics sales grew even faster, up 11% over 2004, and were the second fastest growing product category. We believe that consumers have not yet completed their electronics buying. Substantial unmet demand remains, for example, for Microsoft's XBOX gaming machine and for Apple's iPod Nano. And we are in the early stages of a major replacement cycle of television sets. Instead of furloughing capacity, as they did at this time last year, we would expect semiconductor fabs to continue investing in manufacturing equipment.

Finally, on the subject of BRKS' corporate governance, which we touched on lightly in our prior 13D, we have had no response from BRKS' Board of Directors to our November 17 letter. We are disappointed by 1 1/2 months of silence, both because the tone of our letter was constructive and because BRKS' board expressly "encourage[d]" communications from shareholders in their 2005 annual meeting proxy statement (see page 8 of the proxy). A timely and detailed response could have substantiated, rather than undercut, this invitation.

In our November 17 letter we set forth our views on the optimal size, composition, and leadership of BRKS' Board of Directors. Because BRKS' fiscal year ended September 30, and because the company filed its 2005 annual meeting proxy with the SEC immediately after the holidays, on January 6, 2005, we believe that the proxy for the 2006 annual meeting may be imminent. We hope that, in the absence of a substantive response to our letter, the proxy will demonstrate tangible progress on the governance issues which we and other large outside shareholders care about.

If we are not satisfied with what we read in the proxy, with respect to these issues, we reserve the right to contact other BRKS shareholders using a proxy statement and proxy solicitation firm of our own. Unfortunately, this would bring the issues which we had hoped to resolve privately into the public domain. Since we strongly would prefer for BRKS to remain focused on integrating Helix, fixing BRKS software, and gaining market share in its core business of tool automation, we hope that the issues we raised still will be resolved in a friendly, private manner. But with the clock ticking down the end of 2005, and in the absence of a response from the company, we feel obligated to begin preparing for other possibilities.

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- Item 5. Interest in Securities of the Issuer.
 - (a,b) D3 Family Funds own and have sole voting and dispositive power over 3,728,802, 5.0% common shares of BRKS.
 - (C)

Transacti	on Shares	
Date	Bought	Price

Fund

D3 Family Fund, L.P.	10/27/2005	70,000	11.99
D3 Family Fund, L.P.	10/28/2005	17,700	11.64
D3 Family Fund, L.P.	12/29/2005	242,500	12.46
D3 Family Retirement Fund, L.P.	12/29/2005	125,500	12.46
D3 Children's Fund, L.P.	10/28/2005	12,000	11.64
D3 Children's Fund, L.P.	12/29/2005	42,500	12.46
D3 Offshore Fund, L.P.	10/27/2005	42,500	11.99
D3 Offshore Fund, L.P.	12/29/2005	115,500	12.46
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
D3 Family Bulldog Fund, L.P.	12/29/2005	54,000	12.40

- (d) N/A
- (e) N/A

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 29, 2005

/s/ DAVID NIERENBERG

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

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