

NIERENBERG INVESTMENT MANAGEMENT CO
Form SC 13D/A
January 17, 2006

SCHEDULE 13D

CUSIP No. 114340102

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

SCHEDULE 13D
Under the Securities Exchange Act of 1934
(Amendment No. 4)

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

With a copy to:

Henry Lesser, Esq.
DLA Piper Rudnick Gray Cary US LLP
2000 University Avenue
East Palo Alto, CA 94303

(650) 833-2000

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

January 5, 2006

(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

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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

4 SOURCE OF FUNDS*

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

	7	SOLE VOTING POWER	
			1,769,532 Common shares (2.4%)
NUMBER OF SHARES	8	SHARED VOTING POWER	
BENEFICIALLY OWNED BY			0
EACH	9	SOLE DISPOSITIVE POWER	
REPORTING PERSON			1,769,532
WITH	10	SHARED DISPOSITIVE POWER	
			0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,732,000 shares (5.0%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_|

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.0%

14 TYPE OF REPORTING PERSON*

PN

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*SEE INSTRUCTIONS BEFORE FILLING OUT!

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1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON

The D3 Family Retirement 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)
(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 CITIZENSHIP OR PLACE OF ORGANIZATION

Washington

7 SOLE VOTING POWER

579,500 common shares (0.8%)

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

8 SHARED VOTING POWER

0

9 SOLE DISPOSITIVE POWER

579,500

10 SHARED DISPOSITIVE POWER

0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,732,000 shares (5.0%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*

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13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.0%

14 TYPE OF REPORTING PERSON*

PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON

The D3 Children's 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)

(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 CITIZENSHIP OR PLACE OF ORGANIZATION

Washington

7 SOLE VOTING POWER

158,860 common shares (0.2%)

NUMBER OF
SHARES

BENEFICIALLY
OWNED BY

EACH

REPORTING

PERSON

WITH

8 SHARED VOTING POWER

0

9 SOLE DISPOSITIVE POWER

158,860

10 SHARED DISPOSITIVE POWER

0

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11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,732,000 shares (5.0%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

5.0%

14 TYPE OF REPORTING PERSON*

PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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1 NAME OF REPORTING PERSON

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.)

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(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 CITIZENSHIP OR PLACE OF ORGANIZATION

Bahamas

7 SOLE VOTING POWER

865,660 common shares (1.2%)

NUMBER OF
SHARES

8 SHARED VOTING POWER

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BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 0

EACH 9 SOLE DISPOSITIVE POWER
REPORTING PERSON 865,660
WITH -----
10 SHARED DISPOSITIVE POWER
0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
3,732,000 shares (5.0%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |__|

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
5.0%

14 TYPE OF REPORTING PERSON*
PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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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|
(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 CITIZENSHIP OR PLACE OF ORGANIZATION

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Washington

7 SOLE VOTING POWER
358,448 common shares (0.5%)

NUMBER OF 8 SHARED VOTING POWER
SHARES
BENEFICIALLY OWNED BY EACH REPORTING PERSON 0

9 SOLE DISPOSITIVE POWER
358,448

10 SHARED DISPOSITIVE POWER
0

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
3,732,000 shares (5.0%)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
5.0%

14 TYPE OF REPORTING PERSON*
PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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This Amendment No. 4 to Schedule 13D amends the below-indicated Items from the Schedule 13D previously filed by the undersigned parties, as previously amended, by supplementing such Items with the information set forth below:

Item 4. Purpose of Transaction.

Reference is made to the agreement filed as an exhibit hereto under Item 7, which is incorporated by reference into this Item 4.

Item 5. Interest in Securities of the Issuer.

(a,b) D3 Family Funds own and have sole voting and dispositive power over 3,732,000, 5.0% common shares of BRKS.

(c) In addition to the purchases already disclosed, subsequent to the date of Amendment No. 3 to the Schedule 13D previously filed by the undersigned

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parties, and prior to the date of the agreement filed as an exhibit hereto under Item 7, the D3 Family Funds purchased additional shares for the D3 Family Bulldog Fund, L.P. as set forth below:

Fund	Transaction Date	Shares Bought	Price
D3 Family Bulldog Fund, L.P.	12/30/2005	3,198	12.29

(d) N/A

(e) N/A

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

On January 5, 2006, Nierenberg Investment Management Company, Inc. on behalf of itself as General Partner of the D3 Family Funds, as well as on behalf of the D3 Family Funds, entered into the agreement filed under Item 7 hereof and incorporated by reference into this Item 6.

Item 7. Material to be filed as Exhibits.

Exhibit No.	Description
1	Confidentiality and Nondisclosure Agreement between Nierenberg Investment Management Company, Inc. and Brooks Automation, Inc. dated January 5, 2006.

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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.

Date: January 5, 2006

By: /s/ DAVID NIERENBERG

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

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EXHIBIT INDEX

Exhibit No.

Description

1	Confidentiality and Nondisclosure Agreement between Nierenberg Investment Management Company, Inc. and Brooks Automation, Inc. dated January 5, 2006.
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