BROOKS AUTOMATION INC

Form SC 13G/A	
February 12, 2001	

CUSIP No.	11434A 		13G	Page 1 of 5 Pages
			SCHEDULE 13G	
			(RULE 13d-102)	
			be Included in Statements Filed Purs), (c) and (d) and Amendments Thereto Pursuant to Rule 13d-2.	
		SE	CURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549	
		Under	the Securities Exchange Act of 1934 (Amendment No. 5)*	
			BROOKS AUTOMATION, INC.	
	-		(Name of Issuer)	-
			COMMON STOCK, PAR VALUE \$0.01	
	-		(Title or Class of Securities)	-
			11434A 10 0	
	-		(CUSIP Number)	-
	-			_
	(Date	e of Eve	nt Which Requires Filing of this Stat	ement)

- [] Rule 13d-1(b)
- [_] Rule 13d-1(c)
- [X] Rule 13d-1(d)

*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 the disclosures provided in a prior cover page.

The information required in 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 (the "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).

USI	IP No. 11434A 10	0	13G	Page 2 of 5 Page	
1	NAMES OF REPO I.R.S. IDENTI Robert J. The	FICATI	PERSONS. ON NOS. OF ABOVE PERSONS (ENTITIES	ONLY).	
2	CHECK THE APP	ROPRI <i>I</i>	ATE BOX IF A MEMBER OF A GROUP (SEE	INSTRUCTIONS) (a) [_] (b) [_]	
3	SEC USE ONLY				
4	CITIZENSHIP C		CE OF ORGANIZATION		
	NUMBER OF	5	SOLE VOTING POWER 1,042,864		
E	SHARES BENEFICIALLY OWNED BY	6	SHARED VOTING POWER		
	EACH	7	SOLE DISPOSITIVE POWER 1,042,864		
	PERSON WITH	8	SHARED DISPOSITIVE POWER		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,042,864				
0			GGREGATE AMOUNT IN ROW (9) EXCLUDES	CERTAIN SHARES	
1	PERCENT OF CL	ASS RE	EPRESENTED BY AMOUNT IN ROW (9)		
2	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				

CUSIP No.	11434A 10 0	13G	Page 3 of 5 Pages		
Item 1(a)	Name of Issu	er:			
	Brooks Autom	ation, Inc.			
Item 1(b)		ssuer's Principal Executive Offices: Drive, Chelmsford, Massachusetts 01824	1		
Item 2(a)	Name of Pers	on Filing:			
	Robert J. Th	errien			
Item 2(b)	Address of P	rincipal Business Office or, if none, I	Residence:		
	15 Elizabeth	Drive, Chelmsford, Massachusetts 01824	1		
Item 2(c)	Citizenship:				
	United State	s of America			
Item 2(d)	Title of Cla	ss of Securities:			
	Common Stock	, par value \$0.01			
Item 2(e)	. CUSIP Number	: :			
	11434A 10 0				
		ENT IS FILED PURSUANT TO RULE 13d-1(b), THER THE PERSON FILING IS A:	OR 13d-2(b) OR		
		or dealer registered under Section 15	of the		
	(c) [_] Insura	s defined in Section 3(a)(6) of the Exc nce company as defined in Section 3(a)	-		
		ment company registered under Section 8	3 of the		
	(e) [_] An inv	Company Act. estment adviser in accordance with			
	(f) [_] An emp	(b)(1)(ii)(E); loyee benefit plan or endowment fund in	n accordance with		
	(g) [_] A pare	(b)(1)(ii)(F); nt holding company or control person in	n accordance with		
		<pre>(b) (1) (ii) (G); ngs association as defined in Section 3</pre>	3(b) of the Federal		
	Deposit Insurance Act; (i) [_] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;				
		t; in accordance with Rule 13d-1(b)(1)(i:	i)(J).		

ITEM 4. OWNERSHIP.

- (a) Amount Beneficially Owned: 1,042,864 SHARES, INCLUDING 2,500 SHARES ISSUABLE PURSUANT TO IMMEDIATELY EXERCISABLE STOCK OPTIONS. EXCLUDES CERTAIN SHARES HELD BY CERTAIN CHILDREN AND GRANDCHILDREN OF MR. THERRIEN, AS TO WHICH HE DISCLAIMS BENEFICIAL OWNERSHIP.
- (b) Percent of Class: 6%
- (c) Number of Shares as to which such person has:
 - (i) Sole power to vote or to direct the vote: 1,042,864
 - (ii) Shared power to vote or to direct the vote: -0-
 - (iii) Sole power to dispose or to direct the disposition of: 1,042,864
 - (iv) Shared power to dispose or to direct the disposition of: -0-
- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not Applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Not Applicable.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

Not Applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not Applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

Not Applicable.

ITEM 10. CERTIFICATION.

Not Applicable.

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SIGNATURE

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

Date: February 9, 2001

By: /s/ Robert J. Therrien

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Name: Robert J. Therrien