Docket No.: 14663/32

FORM PTO-1595 (Modified) RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

a.) **Progressive Technologies, Inc.**
299 Ames Pond Drive
Tewksbury, MA 01876

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **Brooks Automation Inc.**

Internal Address:

Street Address: **15 Elizabeth Drive**

City: **Chelmsford** State: **MA** Zip: **01824**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: July 12, 2001

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

See Schedule A

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party of whom correspondence concerning document should be mailed:

Name: **David D. Lowry, Esq.**

Internal Address:
Brown Rudnick Berlack Israels
Box IP, 18th Floor

Street Address:
One Financial Center

City: **Boston** State: **MA** Zip: **02111**

6. Total number of applications and patents involved: **18**

7. Total fee (37 CFR 3.41):.....**$720.00**

☐ Enclosed – Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number: **50-0369**

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David D. Lowry, Reg. No. 38,538
Name of Person Signing

Signature

8/7/02
Date

Total number of pages including cover sheet, attachments, and document: **7**

Schedule A:

	Patent #	Title	
1.	5,000,221	Flow Control System	U.S.
2.	5,251,654	Flow Regulator Adaptable for use with Exhaust from a Process Chamber	U.S.
3.	5,255,710	Process-Chamber Flow Control System	U.S.
4.	5,255,709	Flow Regulator Adaptable for Use with Process-Chamber Filter	U.S.
5.	5,220,940	Flow Control Valve with Venturi	U.S.
6.	5,456,280	Process-Chamber Flow Control System	U.S.
7.	5,320,124	Regulator Adaptable for Maintaining a Constant Partial Vacuum in a Remote Region	U.S.
8.	5,450,873	System for Controlling Flow through a Process Region	U.S.
9.	5,597,011	Flow Regulator	U.S.
10.	5,664,600	Process-Chamber Flow Control System	U.S.
11.	5,634,490	Process-Chamber Flow Control System	U.S.
12.	5,720,315	System for Controlling Flow through a Process Region	U.S.
13.	5,655,562	System for Controlling Flow through a Process Region	U.S.
14.	5,582,203	System for Controlling Flow through a Process Region	U.S.
15.	5,687,760	Improved Flow Regulator	U.S.
16.	5,720,314	System for Controlling Flow through a Process Region	U.S.
17.	5,842,502	System for Controlling Flow through a Process Region	U.S.
18.	36,637 (Reissue of 5687760)	Flow Regulator	U.S.

PATENT ASSIGNMENT

Effective as of the 12th day of July, 2001, for One Dollar ($1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Progressive Technologies Corporation, a Massachusetts corporation having a place of business at 299Ames Pond Drive, Tewksbury, MA 01876 (the "Assignor"), hereby sells, assigns and transfers to Brooks Automation, Inc., a Delaware corporation having an office at 15 Elizabeth Drive, Chelmsford, Massachusetts 01824, and its successors and assigns (the "Assignee"), the entire right, title and interest for the United States and all foreign countries, in and to all of the patents and patent applications set forth on **Exhibit A** attached hereto, including, without limitation, any invention disclosures, including any patents issuing therefrom, and any improvements, reissues, reexaminations, divisions, continuations in whole or part, extensions and foreign counterparts thereof; together with all rights represented by such patents and patent applications, including the right to sue and collect damages for past infringement.

Assignor agrees for itself and its successors, representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

Assignor covenants that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by Assignor, and the full right to convey the same as herein expressed is possessed by Assignor.

IN WITNESS WHEREOF, Assignor hereby executes this assignment effective as of the 12th day of July, 2001.

PROGRESSIVE TECHNOLOGIES INC.

By: William Dwyer

Name: William Dwyer

Title: Chief Financial Officer

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF:

In said County and State, before me this 30th day of July 2002, personally appeared William Dwyer, of Progressive Technologies Inc., known to me to be the person whose name is subscribed to the foregoing assignment and he acknowledged that he executed the same as an officer of Progressive Technologies Inc. as a free act and deed for the purposes therein contained.

Rose M. Vallee
Notary Public
My commission expires: Nov. 4, 2002

Exhibit A to Patent Assignment

Title	Patent #	Country	Expiration Date
Flow Control System	5,000,221	U.S.	March 2008
	0 491 684	Germany	Sept 2009
	0 491 684	Europe	Sept 2009
	0 491 684	France	Sept 2009
	0 491 684	Great Britain	Sept 2009
	0 491 684	Italy	Sept 2009
	0 491 684	Luxembourg	Sept 2009
	0 491 684	Netherlands	Sept 2009
	2922952	Japan	Sept 2009
Flow Regulator Adaptable for use with Exhaust from a Process Chamber	5,251,654	U.S.	Oct 2010
	E 168 479	Aus	March 2012
	0 575 523	Belgium	March 2012
	0 575 523	Switzerland	March 2012
	0 575 523	Europe	March 2012
	0 575 523	France	March 2012
	0 575 523	Great Britain	March 2012
	0 575 523	Italy	March 2012
	0 575 523	Netherlands	March 2012
	0 575 523	Sweden	March 2012
	696 26 264	Germany	March 2012
	202431	Korea	March 2012
	Pending	Canada	
	Pending	Japan	
Process-Chamber Flow Control System	5,255,710	U.S.	Oct 2010
	0 575 533	Aus	March 2012
	0 575 533	Belgium	March 2012
	0 575 533	Switzerland	March 2012
	0 575 533	Europe	March 2012
	0 575 533	France	March 2012
	0 575 533	Great Britain	March 2012
	0 575 533	Italy	March 2012
	0 575 533	Netherlands	March 2012
	0 575 533	Sweden	March 2012
	692 26 265	Germany	March 2012
	3014143	Japan	March 2012
	202432	Korea	June 2014
	Pending	Canada	
Flow Regulator Adaptable for Use with Process-Chamber Filter	5,255,709	U.S.	Oct 2010
Flow Control Valve with Venturi	5,220,940	U.S.	Oct 2010

Regulator Adaptable for Maintaining a Constant Partial Vacuum in a Remote Region	5,320,124	U.S.	Oct 2011
	693 23 891	Germany	Oct 2013
	0 667 006	Europe	Oct 2013
	0 667 006	France	Oct 2013
	0 667 006	Great Britain	Oct 2013
	0 667 006	Italy	Oct 2013
	2,145,654	Canada	Oct 2013
	Pending	Japan	
	Pending	Korea	
Process-Chamber Flow Control System	5,456,280	U.S.	Oct 2012
System for Controlling Flow through a Process Region	5,450,873	U.S.	Sept 2012
	2,145,651	Canada	Oct 2013
	94900432.9	Austria	Oct 2013
**Region of Europe	0667007	Europe	Oct 2013
	94900432.9	France	Oct 2013
	69328564.8	Germany	Oct 2013
	94900432.9	Great Britain	Oct 2013
	94900432.9	Ireland	Oct 2013
	94900432.9	Italy	Oct 2013
	0667007	Netherlands	Oct 2013
	94900432.9	Spain	Oct 2013
	94900432.9	Sweden	Oct 2013
	94900432.9	Switzerland	Oct 2013
	Pending	Japan	
	Pending	Korea	
Flow Regulator	5,597,011	U.S.	Jan 2014
	Published	Europe	
	Pending	Canada	
	Pending	Japan	
	Pending	Korea	
Process-Chamber Flow Control System	5,664,600	U.S.	Oct 2010
Process-Chamber Flow Control System	5,634,490	U.S.	June 2014
System for Controlling Flow through a Process Region	5,720,315	U.S.	Feb 2015
System for Controlling Flow through a Process Region	5,655,562	U.S.	Sept 2012
System for Controlling Flow through a Process Region	5,582,203	U.S.	Oct. 2010
Improved Flow Regulator	5,687,760	U.S.	Oct 2010
System for Controlling Flow through a Process Region	5,720,314	U.S.	Oct 2013
System for Controlling Flow through a Process Region	5,842,502	U.S.	Sept 2013
Process-Chamber Flow Control System	Published	Europe	
Facilities Automated Balancing System	Pre-filing	U.S.	

Flow Regulator	36,637 Reissue of 5687760	U.S.	Oct 2010
System for Controlling Flow through a Process Region	Pending	Canada	
Absolute Pressure Control	Pre-filing	U.S.	
Method and Apparatus for a Flow Regulator Having an Integral Hinge	Pending 60/246,205		

#1026625 v\2 - lowrydd - 05d021.doc - 14663/32