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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
MATTHEW W. COAD	Y		01/09/2014	
RECEIVING PARTY [ΟΑΤΑ			
Name:	BROOK	BROOKS AUTOMATION, INC.		
Street Address:	15 ELIZ	15 ELIZABETH DRIVE		
City:	CHELM	CHELMSFORD		
State/Country:	MASSA	MASSACHUSETTS		
Postal Code:	01824	01824		
Property Type		5634957		
		5634957		
CORRESPONDENCE	DATA			
Fax Number:(203)		203)255-5170		
	•			
Correspondence will	be sent to	the e-mail address first; if that is if that is unsuccessful. it will be		
Correspondence will using a fax number,	l be sent to if provided;	the e-mail address first; if that is if that is unsuccessful, it will be 03-259-1800		
<i>Correspondence will using a fax number,</i> Phone:	l be sent to if provided; 2	if that is unsuccessful, it will be		
Correspondence will	i be sent to if provided; 2 k	<i>if that is unsuccessful, it will be</i> 03-259-1800		
<i>Correspondence will using a fax number,</i> Phone: Email:	i be sent to if provided; 2 k e: F	<i>if that is unsuccessful, it will be</i> 03-259-1800 bemonte@pgpatent.com		
Correspondence will using a fax number, Phone: Email: Correspondent Name	l be sent to if provided; 2 k e: F 9	<i>if that is unsuccessful, it will be</i> 03-259-1800 bemonte@pgpatent.com PERMAN & GREEN LLP	e sent via US Mail.	
Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4:	l be sent to if provided; 2 k e: F 9 S	<i>if that is unsuccessful, it will be</i> 03-259-1800 bemonte@pgpatent.com PERMAN & GREEN LLP 9 HAWLEY LANE	e sent via US Mail.	
Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4:	l be sent to if provided; 2 k e: F 9 S NUMBER:	<i>if that is unsuccessful, it will be</i> 03-259-1800 bemonte@pgpatent.com PERMAN & GREEN LLP 9 HAWLEY LANE STRATFORD, CONNECTICUT 066	e sent via US Mail.	
Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER	l be sent to if provided; 2 k e: F 9 S NUMBER:	<i>if that is unsuccessful, it will be</i> 03-259-1800 bemonte@pgpatent.com PERMAN & GREEN LLP 9 HAWLEY LANE STRATFORD, CONNECTICUT 066 390-012188-US(D01)	e sent via US Mail.	
Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1:	l be sent to if provided; 2 k e: F 9 S NUMBER:	<i>if that is unsuccessful, it will be</i> 03-259-1800 bemonte@pgpatent.com PERMAN & GREEN LLP 9 HAWLEY LANE STRATFORD, CONNECTICUT 066 390-012188-US(D01) JANIK MARCOVICI	e sent via US Mail.	
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Correspondence will using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	l be sent to if provided; 2 k e: F 9 S NUMBER: R:	if that is unsuccessful, it will be 03-259-1800 bemonte@pgpatent.com PERMAN & GREEN LLP 9 HAWLEY LANE STRATFORD, CONNECTICUT 066 390-012188-US(D01) JANIK MARCOVICI /jm/ 08/31/2017	e sent via US Mail.	

DECLARATION (37CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

As the below named inventor, I hereby declare that:

This declaration is directed to :	[] The attached application, or
	[X] United States application or PCT international application number 14089439 filed on 11-26-2013 .

and was amended on (if applicable) _____.

Title: SUBSTRATE HANDLING SYSTEM FOR ALIGNING AND ORIENTING SUBSTRATES DURING A TRANSFER OPERATION

The above-identified application was made or authorized to be made by me.

I believe that I am the original, first inventor or an original, first and joint inventor of a claimed Invention in the application and for which a patent is sought.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the specification and claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulation, Section 1.56.

Whereas, I/we, the below-identified inventor(s), have invented certain new and useful improvements in the Invention identified above and described in the above-identified application (referred to herein as the "Invention");

And, whereas I/we desire to assign the entire worldwide right, title and interest in and to the invention and to any and all patent applications and patents directed thereto to the Assignee identified below:

Assignee Name (if applicable): BROOKS AUTOMATION, INC.

Assignee Address (if applicable): 15 Elizabeth Drive, Chelmsford, MA 01824

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I/we hereby assign, sell and transfer my/our above-identified rights, title and interest in said Invention, said application identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and

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countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me/us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And I/we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my/our aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor (Assignor if applicable): MATTHEW W. COADY

Signature: Mathew Comp	Date: $1/9/2014$
Country of Citizenship: US	,
Witnessed By (if applicable): Michael Marchiel	_ Date: 1/ 9/2014
Signature: Min Que City: Chel	unsfind BA State: MA
Witnessed By (if applicable): Ricordo Mendes	Date: 1/9/14
Signature: Theair Mentos City: chel	

PATENT REEL: 043464 FRAME: 0480

RECORDED: 08/31/2017