502671207 02/07/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2717814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER VAN DER MEULEN	11/15/2013

RECEIVING PARTY DATA

Name:	BROOKS AUTOMATION, INC.
Street Address:	15 ELIZABETH DRIVE
City:	CHELMSFORD
State/Country:	MASSACHUSETTS
Postal Code:	01824

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14014910

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ATTORNEY DOCKET NUMBER:	390P014151-US(CD4)
NAME OF SUBMITTER:	JANIK MARCOVICI
Signature:	/jm/
Date:	02/07/2014

Total Attachments: 2

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PATENT 502671207 REEL: 032170 FRAME: 0964

Rev. 130322v2

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	[] The attached application, or
directed to:	

[X] United States application or PCT international application number 14/014,910 filed on August 30, 2013

and was amended on (if applicable) .

Title: SEMICONDUCTOR MANUFACTURING SYSTEMS

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

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 applicante): Peter van der M	ieuien	
Signature:	Date:_	115/2013
Country of Citizenship <u>USA</u>		
Witnessed By (if applicable): CHARLES LAUNSEY	Date:_	11/5/2013
Signature: City: BEVER	lγ	State: MA
Witnessed By (if applicable): Kuht Doody	Date:_	11/5/2013
Signature: Ruff Toody City: Bever	vlz_	State: <i>M A</i>