

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Sangbong PARK	04/19/2007
Duan-Fu Stephen HSU	04/24/2007
Edita TEJNIL	05/21/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASML MASKTOOLS B.V.
<b>Street Address:</b>	P.O. Box 324
<b>City:</b>	5500 AH Veldhoven
<b>State/Country:</b>	NETHERLANDS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11708137
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)756-8087
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	202-756-8356
<b>Email:</b>	AKruger@mwe.com
<b>Correspondent Name:</b>	Washington_IP_Docket
<b>Address Line 1:</b>	600 13th Street, NW
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20005-3096
<b>ATTORNEY DOCKET NUMBER:</b>	055071-0613
<b>NAME OF SUBMITTER:</b>	Michael E. Fogarty
<b>Total Attachments: 2</b> source=055071-0613#page1.tif source=055071-0613#page2.tif	

CH \$40.00 11708137

ASSIGNMENT

WHEREAS, Sangbong PARK, Duan-Fu Stephen HSU and Edita TEJNIL, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled METHOD OF PERFORMING MULTIPLE STAGE MODEL CALIBRATION FOR OPTICAL IMAGING SIMULATION MODELS, for which they have:

- (a) filed an application for United States Letters Patent on February 20, 2007 as (Serial No. 11/708,137); or
- (b) executed an application for United States Letters Patent on \_\_\_\_\_; and

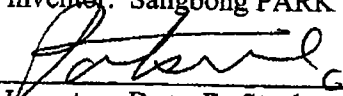
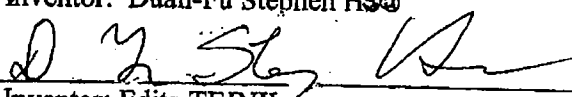
WHEREAS, ASML MASKTOOLS B.V., a corporation organized and existing under the laws of the The Netherlands, having a place of business at P.O. Box 324, 5500 AH Veldhoven, The Netherlands, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hand.

Date	4/19/07	Inventor: Sangbong PARK	
Date	4/24/07	Inventor: Duan-Fu Stephen HSU	
Date	5/21/07	Inventor: Edita TEJNII	