

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Duan-Fu Stephen HSU	08/17/2007
Sangbong PARK	08/17/2007
Douglas VAN DEN BROEKE	08/17/2007
Jang Fung CHEN	08/21/2007
RECEIVING PARTY DATA	
Name:	ASML MaskTools B.V.
Street Address:	P.O. Box 324
City:	Veldhoven
State/Country:	NETHERLANDS
Postal Code:	NL-5500 AH
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12890494
CORRESPONDENCE DATA	
Fax Number:	(703)770-7901
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	diane.powers@pillsburylaw.com
Correspondent Name:	PILLSBURY WINTHROP SHAW PITTMAN, LLP
Address Line 1:	P.O. BOX 10500
Address Line 4:	MCLEAN, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	081468-0389950-17206
NAME OF SUBMITTER:	Mark J. Danielson
Total Attachments: 2 source=Assignment0389950#page1.tif source=Assignment0389950#page2.tif	

CH \$40.00 12890494

PATENT

501510050

REEL: 026172 FRAME: 0750

Docket No.: 55071-616

ASSIGNMENT

WHEREAS, Duan-Fu Stephen HSU, Sangbong PARK, Douglas VAN DEN BROEKE, and Jang Fung CHEN, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled METHOD AND APPARATUS FOR PERFORMING DARK FIELD DOUBLE DIPOLE LITHOGRAPHY (DDL), for which they have:

- (a) filed an application for United States Letters Patent on April 6, 2007 as (Serial No. 11/783,261); 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.

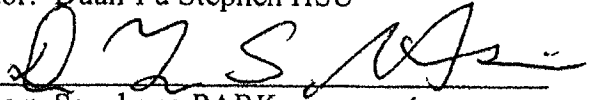
And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

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

Date

Aug - 17 - 2007

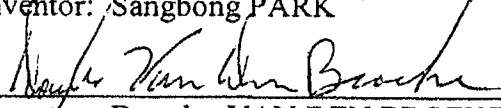
Inventor: Duan-Fu Stephen HSU



Date

17 - Aug - 07

Inventor: Sangbong PARK



Date

Aug 17, 2007

Inventor: Douglas VAN DEN BROEKE



Date

Aug 21, 2007

Inventor: Jang Fung CHEN

