# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Marco Jan-Jaco Wieland	06/04/2012
Stijn Willem Herman Karel Steenbrink	06/04/2012
Alexander Hendrik Vincent van Veen	05/24/2012
Alrik van den Brom	06/04/2012

#### RECEIVING PARTY DATA

Name:	Mapper Lithography IP B.V.	
Street Address:	Computerlaan 15	
City:	Delft	
State/Country:	NETHERLANDS	
Postal Code:	2628 XK	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13458861

#### CORRESPONDENCE DATA

Fax Number: (408)720-8383 310-207-3800 Phone:

Email: alexis\_karriker@bstz.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Blakely, Sokoloff, Taylor & Zafman LLP

Address Line 1: 1279 Oakmead Parkway

Address Line 4: Sunnyvale, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER: 003531.P056 NAME OF SUBMITTER: Eric S. Hyman

Total Attachments: 2

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> **PATENT** REEL: 028463 FRAME: 0869

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Attorney's Docket No.: 3531P056

# **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Marco Jan-Jaco Wieland; Stijn Willem Herman Karel Steenbrink; Alexander Hendrik Vincent van Veen; Alrik van den Brom

hereby sell, assign, and transfer to

said patent application also identified as follows (when known):

### Mapper Lithography IP B.V.

having a principal place of business at Computerlaan 15, Delft, 2628 XK NL ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

# CHARGED PARTICLE SYSTEM COMPRISING A MANIPULATOR DEVICE FOR MANIPULATION OF ONE OR MORE CHARGED PARTICLE BEAMS

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and

filing date of said patent application when known.]					
United States Patent Application Number	13/458,861	filed	April 27, 2012	<u>.</u> ,	
and in and to said application (provisional or applications, utility applications, design applications, utility applications, design applications applications, continuation-in-part applications, reexaminations, extensions, and United States and all foreign countries on a patents, reissued patents, reexamination certifications and all foreign countries on said invention the filing of said United States application	cations, divisional ap- applications, substiti- all other patent appl ny of said inventions cates, and extensions, tions or improvemen	plications, c ute applications that s or improve, that have b	continuation applications, renewal applications, renewal applications, that is been or shall be issued on shall be issued applications.	tions, continued ications, reissue I be filed in the I to all original to in the United in the United in the United in the United I to I t	

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

#### Each Inventor: Please Sign and Date Below:

4 jun-2612	Maland
Date	Name: Marco Jan-Jaco Wieland
4 jun 2012	Name Stijn/Willem Herman Karel Steenbrink
24-5-2012 Date	Name: Alexander Hendrik Vincent van Veen
	Name: Afrik van den Brom
Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
Telephone: (310) 207-3800

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