

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alrik van den Brom</td> <td>06/04/2012</td> </tr> <tr> <td>Stijn Willem Herman Karel Steenbrink</td> <td>06/04/2012</td> </tr> <tr> <td>Marco Jan-Jaco Wieland</td> <td>06/04/2012</td> </tr> <tr> <td>Guido De Boer</td> <td>06/07/2012</td> </tr> <tr> <td>Pieter Kappelhof</td> <td>05/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alrik van den Brom	06/04/2012	Stijn Willem Herman Karel Steenbrink	06/04/2012	Marco Jan-Jaco Wieland	06/04/2012	Guido De Boer	06/07/2012	Pieter Kappelhof	05/27/2012
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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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13458936</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13458936								
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Application Number:	13458936												
CORRESPONDENCE DATA													
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Total Attachments: 2 source=3531p057_Assignment_070912#page1.tif source=3531p057_Assignment_070912#page2.tif													

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Attorney's Docket No.: 3531P057

ASSIGNMENT

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

**Alrik van den Brom; Stijn Willem Herman Karel Steenbrink; Marco Jan-Jaco Wieland;
Guido De Boer; Pieter Kappelhof**

hereby sell, assign, and transfer to

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 FOR PROCESSING A TARGET SURFACE

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

[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 13/458,936 filed April 27, 2012,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility 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 that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

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, utility 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

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:

04-06-2012 
Date Name: **Alrik van den Brom**

04-06-2012 
Date Name: **Stijn Willem Herman Karel Steenbrink**

11 June 2012 
Date Name: **Marco Jan-Jaco Wieland**

7 Juni 2012 
Date Name: **Guido De Boer**

27-5-2012 
Date Name: **Pieter Kappelhof**

Date Name:

Date Name:

Date Name:

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Date Name:

Date Name:

Date Name:

Assignment Document Return Address:
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