

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Guido DE BOER</td> <td>03/13/2012</td> </tr> <tr> <td>Hendrik Jan DEJONG</td> <td>03/13/2012</td> </tr> <tr> <td>Vincent Sylvester KUIPER</td> <td>03/13/2012</td> </tr> <tr> <td>Erwin SLOT</td> <td>03/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Guido DE BOER	03/13/2012	Hendrik Jan DEJONG	03/13/2012	Vincent Sylvester KUIPER	03/13/2012	Erwin SLOT	03/13/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MAPPER LITHOGRAPHY IP B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Computerlaan 15</td> </tr> <tr> <td>City:</td> <td>Delft</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>2628 XK</td> </tr> </table>		Name:	MAPPER LITHOGRAPHY IP B.V.	Street Address:	Computerlaan 15	City:	Delft	State/Country:	NETHERLANDS	Postal Code:	2628 XK
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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>13323950</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13323950						
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CORRESPONDENCE DATA											
<p>Fax Number: (012)345-6789</p> <p>Email: mcgeem@hoyngmonegier.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Hoyng Monegier LLP</p> <p>Address Line 1: Rembrandt Tower, 31st Fl, Amstelplein 1</p> <p>Address Line 4: Amsterdam, NETHERLANDS 1096 HA</p>											
ATTORNEY DOCKET NUMBER:	03147.0038.USN0										
NAME OF SUBMITTER:	David P. Owen										
<p>Total Attachments: 8</p> <p>source=M62_Assignment#page1.tif</p>											

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ASSIGNMENT BETWEEN:

DE BOER, Guido
Recht van Ter Leede 31
4143 LN LEERDAM
NL

and:

DE JONG, Hendrik Jan
Fijnjekade 292
2521 DV DEN HAAG
NL

and:

KUIPER, Vincent Sylvester
Sinaasappelstraat 187
2564 EP DEN HAAG
NL

and:

SLOT, Erwin
Bottalijn 54
2728 AN ZOETERMEER
NL

("the Assignor(s)")

and:

MAPPER LITHOGRAPHY IP B.V.

Computerlaan 15
2628 XK DELFT
NL

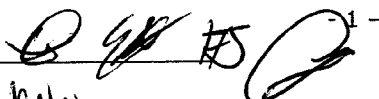
("the Assignee(s)")

WHEREAS:-

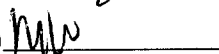
(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as LITHOGRAPHY SYSTEM AND METHOD OF PROCESSING SUBSTRATES IN SUCH A LITHOGRAPHY SYSTEM for which patent protection has been applied for in the form of the patent application(s) listed in the schedule below.

(B) The Assignor(s) agreed to assign to the Assignee(s) all right, title and interest in the Invention(s) and in any and all applications filed thereon, throughout the world and in particular in the United States of America (as defined in 35 U.S.C. § 100) and any territories indicated in the

Initials Assignor(s)



Initial Assignees(s)



schedule below, including the right to apply for the grant of patents together with the right to apply for the grant of any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) arising from the Invention(s), the right to claim convention priority, the right to be granted patents along with extensions and renewals thereof and the right to enforce any patent(s) granted for the Invention(s) to the full end of the term(s) for which such patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of assignment, such entire right, title and interest to be held and enjoyed by the Assignee to the same extent as they would have been held and enjoyed by the Assignor(s) had the assignment and sale not been made.

(C) The Assignor(s) further agreed to assign any copyright, design right, know how, or other intellectual properties associated with the Invention(s) to the Assignee(s).

NOW THEREFORE, in consideration of the good and valuable sum of EURO 1.00 and other good and valuable consideration paid by the Assignee(s) to the Assignor(s), the receipt of which is hereby acknowledged, the Assignor(s) hereby confirms/confirm effective of **14 Dec 2010** to have sold, assigned, and transferred, and to the extent not already done so, do hereby sell, assign, and transfer, all of the rights set out under (B) and (C) above to the Assignee(s).

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers and the provision of any evidence, required by the Assignee(s) or its/their agent(s) to further the grant of any patent application(s) associated with the Invention(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, re-examination or corresponding application(s) filed therefrom, and the subsequent maintenance and enforcement of any patent(s) granted on such application(s), and to execute separate assignment(s) in connection with such application(s) as the Assignee(s) may deem necessary or expedient.

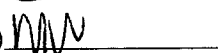
The Assignor(s) agrees/agree to execute all papers necessary in connection with any interference proceedings that may be declared in the United States of America concerning any patent application(s), patent(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or re-examination application(s) associated therewith, and to cooperate with the Assignee(s) in every way possible in obtaining evidence and going forward with such interference.

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers, required by the Assignee(s) or its/their agent(s) in order to record this assignment document in any national/regional/international intellectual property register throughout the world.

The Assignor(s) hereby represents/represent that at the time of conveyance he/she/they had the full right to convey the entire right, title and interest so assigned, and that the undersigned has not executed and will not execute, any agreement in conflict herewith.

- 2 -

Initials Assignor(s) 

Initial Assignees(s) 

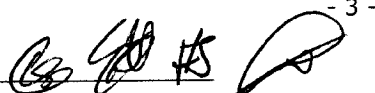
It is hereby agreed that the terms of this assignment shall be interpreted under the laws of **The Netherlands** and disputes arising under this agreement shall be adjudicated before the courts in **The Netherlands**.

The undersigned hereby grants *David P. Owen*, USPTO Reg. No. 43,344; *Coraline J. Haitjema*, USPTO Reg No. 63,192; *Sam Bergstrom*, USPTO Reg No. 62,103; *Wilbert H. P. Derks* EPO Reg No. 100038986; *Matthew J. Hampton* EPO Reg No. 100051409; *Jeroen H. J. Den Hartog* EPO Reg No. 100059970; *Christopher J. Pierce* EPO Reg No. 09218580; *Maarten Mooij* EPO Reg No. 09226770; each an attorney or agent with the law firm of HOYNG MONEGIER LLP, power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document, in particular in the United States Patent and Trademark Office.

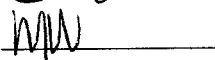
SCHEDULE

Country	Application No.	Filing Date
United States of America	61/422,745	14 December 2010
United States of America	61/480,163	28 April 2011
PCT (including all designated/elected states and regions)	PCT/EP2011/072654	13 December 2011
United States of America	13/323,950	13 December 2011
Taiwan	100146173	14 December 2011

Initials Assignor(s)

- 3 -


Initial Assignees(s)



IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNEE: M. Wieland

Name: Marco Jan Jacob Wieland

Title : CTO

Date : 13 March 2012 (dd.mm.yyyy)

MAPPER LITHOGRAPHY IP B.V.

STATEMENT OF WITNESS:

Signed at Delft (city) The Netherlands (country)

on 13 (day) March (month) 2012 (year)

I, Elien Postma whose full residence address is
Van Diemenstraat 184, 2518 VH, The Hague was

personally present and did see the person named above, Marco Jan Jacob Wieland

execute the above assignment on 13 (day) March (month) 2012 (year), and

such assignor is personally known to me to be the person described in this assignment.


Signature of Witness

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR: _____



Date: 13 March 2012 (dd.mm.yyyy)

DE BOER, Guido

STATEMENT OF WITNESS:

Signed at Delft (city) The Netherlands (country)

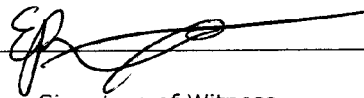
on 13 (day) March (month) 2012 (year)

I, Elien Postma whose full residence address is
Van Diemenstraat 104, 2518 VH, The Hague was

personally present and did see the person named above, Guido de Boer,

execute the above assignment on 13 (day) March (month) 2012 (year), and

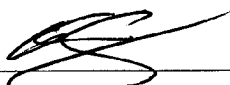
such assignor is personally known to me to be the person described in this assignment.



Signature of Witness

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR:



Date: 13-3-2012 (dd.mm.yyyy)

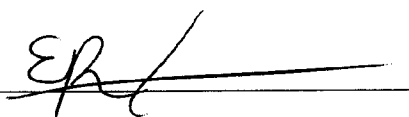
DE JONG, Hendrik Jan

STATEMENT OF WITNESS:

Signed at Delft (city) The Netherlands (country)

on 13 (day) March (month) 2012 (year)

I, Elien Postma whose full residence address is
Van Diemenstraat 184, 2518 VH, The Hague was
personally present and did see the person named above, Hendrik Jan de Jong,
execute the above assignment on 13 (day) March (month) 2012 (year), and
such assignor is personally known to me to be the person described in this assignment.



Signature of Witness

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR: _____

Date: 13/03/2012 (dd.mm.yyyy)

KUIPER, Vincent Sylvester

STATEMENT OF WITNESS:

Signed at Delft (city) The Netherlands (country)

on 13 (day) March (month) 2012 (year)

I, Elien Postma whose full residence address is
Van Diemenstraat 184, 2518 VH, The Hague was

personally present and did see the person named above, Vincent Sylvester Kuiper,
execute the above assignment on 13 (day) March (month) 2012 (year), and

such assignor is personally known to me to be the person described in this assignment.

Signature of Witness

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR: 

Date: 13-3-2012 (dd.mm.yyyy)

SLOT, Erwin

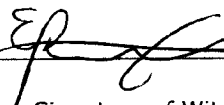
STATEMENT OF WITNESS:

Signed at Delft (city) The Netherlands (country)

on 13 (day) March (month) 2012 (year)

I, Elien Postma whose full residence address is
Van Diemenstraat 184, 2518 VH, The Hague was
personally present and did see the person named above, Erwin Slot,

execute the above assignment on 13 (day) March (month) 2012 (year), and
such assignor is personally known to me to be the person described in this assignment.



Signature of Witness