

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Erwin SLOT</td> <td>06/12/2012</td> </tr> <tr> <td>Marcel Nicolaas Jacobus VAN KERVINCK</td> <td>06/12/2012</td> </tr> <tr> <td>Vincent Sylvester KUIPER</td> <td>06/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Erwin SLOT	06/12/2012	Marcel Nicolaas Jacobus VAN KERVINCK	06/12/2012	Vincent Sylvester KUIPER	06/12/2012
Name	Execution Date								
Erwin SLOT	06/12/2012								
Marcel Nicolaas Jacobus VAN KERVINCK	06/12/2012								
Vincent Sylvester KUIPER	06/12/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13453008</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13453008				
Property Type	Number								
Application Number:	13453008								
CORRESPONDENCE DATA									
Fax Number:	(012)345-6789								
Email:	mcgeem@hoyngmonegier.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Hoynng Monegier LLP								
Address Line 1:	Rembrandt Tower, 31st Fl, Amstelplein 1								
Address Line 4:	Amsterdam, NETHERLANDS 1096 HA								
ATTORNEY DOCKET NUMBER:	03147.0090.USN0								
NAME OF SUBMITTER:	David P. Owen								
<p>Total Attachments: 7 source=M71Assignment#page1.tif source=M71Assignment#page2.tif</p>									

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ASSIGNMENT BETWEEN:

SLOT, Erwin
Bottalijn 54
2728 AN Zoetermeer
The Netherlands

and:

VAN KERVINCK, Marcel Nicolaas Jacobus
Willem Alexanderweg 141
2595 BT Den Haag
The Netherlands

and:

KUIPER, Vincent Sylvester
Sinaasappelstraat 187
2564 EP Den Haag
The Netherlands

("the Assignor(s)")

and:

MAPPER LITHOGRAPHY IP B.V.
Computerlaan 15
2628 XK Delft
The Netherlands

("the Assignee(s)")

WHEREAS:-

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as '**Network architecture for lithography machine cluster**' 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 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

Initials Assignor(s) _____

Initial Assignees(s) _____

Slot *Van Kervinck*
*M. K.*¹⁻
M. Kuiper

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 **22 April 2011** 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.

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**.

Initials Assignor(s)

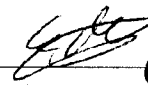
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
Initial Assignees(s)

The undersigned hereby grants *David P. Owen*, USPTO Reg. No. 43,344; *Coraline J. Haitjema*, USPTO Reg No. 63,192; *Wilbert H. P. Derks* EPO Reg No. 100038986; *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	61/478,117	22 April 2011
United States of America	61/533,673	12 September 2011
PCT (including all designated/elected states and regions)	PCT/EP2012/057385	23 April 2012
United States of America	13/453,008	23 April 2012
Taiwan	101114468	23 April 2012

Initials Assignor(s)  MCK

Initial Assignees(s) 

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

SIGNATURE OF ASSIGNEE: M. W. W. W.

Title : CTO

Name : Marco Jan Jaco Wieland

Date: 11 June 2012 (dd.mm.yyyy)

MAPPER LITHOGRAPHY IP B.V.

STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)

on 11 (day) June (month) 2012 (year)

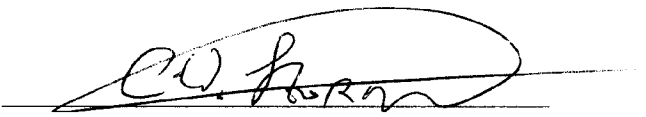
I, Conny Storm whose full residence address is

Laan van Wateringse Veld 1142, 2548 CT Den Haag was

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

execute the above assignment on 11 (day) June (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: 12-06-2012 (dd.mm.yyyy)

SLOT, Erwin

STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)

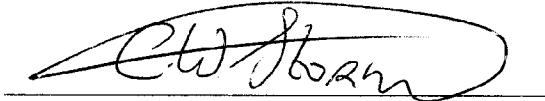
on 12 (day) June (month) 2012 (year)

I, Conny Storm whose full residence address is Laan van Wateringse Veld 1142, 2548 CT DEN HAAG was

personally present and did see the person named above, ERWIN SLOT,

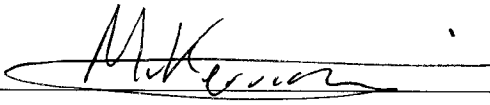
execute the above assignment on 12 (day) June (month) 2012 (year), and

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: 

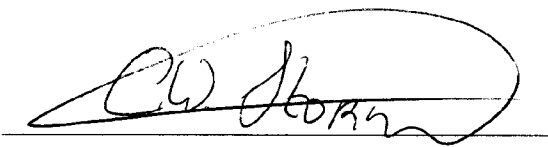
Date: 12.06.2012 (dd.mm.yyyy)
VAN KERVINCK, Marcel Nicolaas Jacobus

STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)


on 12 (day) June (month) 2012 (year)

I, Conny Storm whose full residence address is Laan van Wateringse Veld 1142, 2540 CE Den Haag was personally present and did see the person named above, Marcel van Kervinck execute the above assignment on 12 (day) June (month) 2012 (year), and such assignor is personally known to me to be the person described in this assignment.



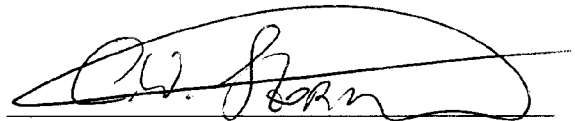
Signature of Witness

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

SIGNATURE OF ASSIGNOR: 
Date: 12/6/2012 (dd.mm.yyyy)
KUIPER, Vincent Sylvester

STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)
on 12 (day) June (month) 2012 (year)
I, Conny Storm whose full residence address is
LAAN VAN WATERINGSE VELD 1142, 2540 CT DELFT HANG was
personally present and did see the person named above, Vincent Kuiper,
execute the above assignment on 12 (day) June (month) 2012 (year), and
such assignor is personally known to me to be the person described in this assignment.



Signature of Witness