

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Marco J.J. WIELAND	12/02/2010
Remco JAGER	12/02/2010
Alexander H.V. VAN VEEN	11/30/2010
Stijn W.H.K. STEENBRINK	04/29/2010
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:	12911911
CORRESPONDENCE DATA	
Fax Number:	(000)000-0000
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	+31-20-5924411
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Correspondent Name:	HOYNG MONEGIER LLP
Address Line 1:	Amstelplein 1
Address Line 4:	Amsterdam, NETHERLANDS 1096 HA
ATTORNEY DOCKET NUMBER:	03147.0046.USN0
NAME OF SUBMITTER:	David P. Owen

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Total Attachments: 7
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PATENT
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M51

Docket Number : 03147.0046.00PC00
Client Reference: M51

Patent

ASSIGNMENT BETWEEN:

WIELAND, Marco Jan-Jaco
Boeroestraat 23
2612 GD DELFT
The Netherlands

and

JAGER, Remco
Wijnbrugstraat 239
3011 XW ROTTERDAM
The Netherlands

and

VAN VEEN, Alexander Hendrik Vincent
Stadhoudersplein 27e
3039 ER ROTTERDAM
The Netherlands

and

STEENBRINK, Stijn Willem Herman Karel
Gerard Reijnstraat 14
2593 EC DEN HAAG
The Netherlands

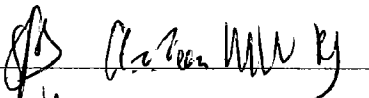
("the Assignor(s)")

and:


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

("the Assignee(s)")

Initials Assignor(s)



Initial Assignees(s)



- 1 -

WHEREAS:-

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as **CHARGED PARTICLE MULTI-BEAMLET LITHOGRAPHY SYSTEM WITH MODULATION DEVICE** 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 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 **26 October 2009** 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.

Initials Assignor(s) JB A. B. M. W. K. - 2 -

Initial Assignees(s) M. W.

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; Michael J. Bell, USPTO Reg. No. 39,604; Derek J. Jardieu, USPTO Reg. No. 44,483; Robert C. Laurensen, USPTO Reg. No. 34,206; Coraline J. Haitjema, USPTO Reg No. 63,192; 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 EP Reg No. 09218580; Maarten Mooij EP Reg No. 09226770; each an attorney or agent with the law firm of HOWREY 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	US 61/254,779	2009.10.26
PCT (including all designated/elected states and regions)	PCT/EP2010/066199	2010.10.26
United States of America	US 12/911,911	2010.10.26
The Netherlands	200584	2010.10.26

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

SIGNATURE OF ASSIGNEE: *M. Wieland* Date: 2 dec 2010 (dd.mm.yyyy)
MAPPER LITHOGRAPHY IP B.V.

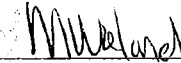
STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)
on 2 (day) december (month) 2010 (year)
I, Conny Storm whose full residence address is Laan van Wateringse Veld 1142, 2540 CT Delft was personally present and did see the person named above, Marc Wieland, execute the above assignment on 2 (day) december (month) 2010 (year), and such assignor is personally known to me to be the person described in this assignment.

Conny Storm
Signature of Witness

Initials Assignor(s) *DP MJ DB RL*
Initial Assignees(s) *MW*

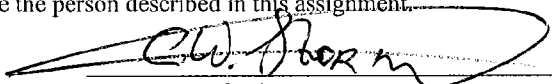
IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR:  Date: 2 dec 2010 (dd.mm.yyyy)
Marco Jan-Jaco WIELAND


STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)
on 2 (day) december (month) 2010 (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 2 (day) december (month) 2010 (year), and
such assignor is personally known to me to be the person described in this assignment.


Signature of Witness

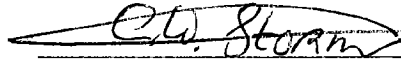
IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR:  Date: 2-12-2010 (dd.mm.yyyy)
Remco JAGER

STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)
on 2 (day) december (month) 2010 (year)

I, Conny Storm whose full residence address is
Laan van Wateringse Veld 1142, 2548 CJ Den Haag was
personally present and did see the person named above, Remco Jager,
execute the above assignment on 2 (day) December (month) 2010 (year), and
such assignor is personally known to me to be the person described in this assignment.


Signature of Witness

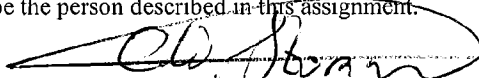
IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF ASSIGNOR:  Date: 30/11/2010 (dd.mm.yyyy)
Alexander Hendrik Vincent VAN VEEN

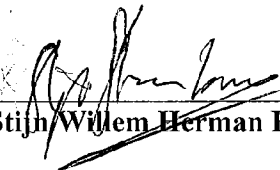
STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)
on 30 (day) november (month) 2010 (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, Alexander van Veen,
execute the above assignment on 30 (day) november (month) 2010 (year), and
such assignor is personally known to me to be the person described in this assignment.

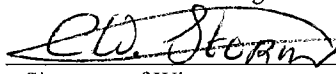

Signature of Witness

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

SIGNATURE OF ASSIGNOR:  Date: 29-11-2010 (dd.mm.yyyy)
Stijn Willem Herman Karel STEENBRINK

STATEMENT OF WITNESS:

Signed at Delft (city) Netherlands (country)
on 29 (day) November (month) 2010 (year)
I, Conny Storm whose full residence address is
Laan van Waterlogse Veld 1142, 2548 CT DEN HAAG was
personally present and did see the person named above, Stijn Steenbrink,
execute the above assignment on 29 (day) November (month) 2010 (year), and
such assignor is personally known to me to be the person described in this assignment.


Signature of Witness