502071542 09/24/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| Cor VERBURG | 08/07/2012 |
| Robert MOSSEL | 08/10/2012 |
| Kaustubh Prabodh PADHYE | 08/07/2012 |
| Eric de KOK | 08/07/2012 |
| Wim VIS | 08/07/2012 |

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: | 13539585 |

CORRESPONDENCE DATA

Fax Number: 0123456789

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: mcgeem@hoyngmonegier.com

Correspondent Name: Hoyng Monegier LLP

Address Line 1: Rembrandt Tower, 31st FI, Amstelplein 1
Address Line 4: Amsterdam, NETHERLANDS 1096 HA

| ATTORNEY DOCKET NUMBER: | 03147.0073.USN0 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | David P. Owen |

Total Attachments: 9

502071542

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PATENT REEL: 029009 FRAME: 0958 .00 13539585

CH \$40.00



PATENT REEL: 029009 FRAME: 0959 **Client Reference: M80**

ASSIGNMENT BETWEEN:

VERBURG, Cor Rijnweg 160 2681 ST MONSTER, NL

and:

MOSSEL, Robert

Paradijsselpark 220 2904 PA CAPELLE a/d IJSSEL, NL

and:

PADHYE, Kaustubh Prabodh

Pierre Kemphove 26 2726 BB ZOETERMEER, NL

and:

de KOK, Eric

Molenweg 8 2631 AC NOOTDORP, NL

and:

VIS, Wim

Barietgeel 54B 2718 BE ZOETERMEER, NL

("the Assignor(s)")

and:

MAPPER LITHOGRAPHY IP B.V.

W Jes ky

Computerlaan 15 2628 XK Delft NL

("the Assignee(s)")

WHEREAS:-

Initials Assignor(s)

Initial Assignees(s)_

PATENT

REEL: 029009 FRAME: 0960

Docket Number: 03147.0073.PCN0 Patent

Client Reference: M80

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as **'CURRENT MEASUREMENT SYSTEM'** for which patent protection has been applied for in the form of the patent application(s) listed in the schedule below.

- 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 **30 June 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.

Wefly Jee my

Initials Assignor(s)

Initial Assignees(s)

Client Reference: M80

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.

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 | 61/503,555 | 30 June 2011 |
|---|-------------------|--------------|
| PCT (including all designated/elected states and regions) | PCT/EP2012/062854 | 2 July 2012 |
| United States of America | 13/539,585 | 2 July 2012 |
| Taiwan | 101123858 | 2 July 2012 |

MI.

Initials Assignor(s)

PATENT

REEL: 029009 FRAME: 0962

Patent

Patent

Client Reference: M80

| IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s). |
|--|
| SIGNATURE OF ASSIGNEE: |
| Title: 170 |
| Name: Masco Jan Jaco Welund |
| Date: 13 aug 2614 (dd.mm.yyyy) |
| MAPPER LITHOGRAPHY IP B.V. |
| STATEMENT OF WITNESS: |
| Signed at Delff (city) the Notherlands (country) |
| on |
| I, whose full residence address is |
| LAAN VAN WATERINGSE VALD 1142, 2548 CT Don HARY Was |
| personally present and did see the person named above, Marco Wieland, |
| execute the above assignment on 13 (day) August (month) 2012 (year), and |
| such assignor is personally known to me to be the person described in this assignment. |
| Ca Stran |

Client Reference: M80

Patent

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

| SIGNATURE OF ASSIGNOR: | |
|-----------------------------------|--------------|
| Date: 07 - 08 - 2012 VERBURG, Cor | (dd.mm.yyyy) |

STATEMENT OF WITNESS:

| Signed at | Delft | | (city)_ | The | Net hella | nds (cou | ntry) |
|----------------|---------------|---------------|------------------|--------------|-------------------|---------------------|-------|
| on | 7 | (day) | august | | (month) | <u> 2012</u> (y | ear) |
| Ι, | E ! | lien Post | ma | V | whose full res | idence addres | ss is |
| | | | N, The | | | | |
| personally pre | esent and dic | see the perso | on named abo | ve, <u>C</u> | or Verbur | 9 | |
| execute the a | bove assignr | nent on | _ (day) <u> </u> | guit | (month) <u>_2</u> | <u>/6/2</u> (year), | , and |
| such assignor | is personally | known to me | e to be the per | son descri | bed in this as | signment. | |

Client Reference: M80

Patent

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

SIGNATURE OF ASSIGNOR:

MOSSEL, Robert

| STAT | EMEN: | T OF W | ITNESS: |
|------|-------|--------|---------|

| Signed at <u>Velft</u> | (city)_ the | Netherlands | (country) |
|------------------------|-------------|-------------|-----------|
|------------------------|-------------|-------------|-----------|

on $\frac{10}{2000}$ (day) $\frac{400000}{2000}$ (month) $\frac{2012}{2000}$ (year)

I, Onny OtoRm whose full residence address is

PAR VAN WATERINGSE VELO 1142, 2548 CT DEN HARY was personally present and did see the person named above, ROBERT MOSSEL,

execute the above assignment on 10 (day) 9ust (month) 20/2 (year), and

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

Client Reference: M80

Patent

| IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s). |
|--|
| SIGNATURE OF ASSIGNOR: 2.7. Party |
| Date: 07-08-2012 (dd.mm.yyyy) PADHYE, Kaustubh Prabodh |
| |
| STATEMENT OF WITNESS: |
| Signed at Delft (city) The Hague (country) |
| on <u>August</u> (month) 2012 (year) I, Elien Postma whose full residence address is |
| Lübechstraat 115, 2517 SN, The Hague was |
| personally present and did see the person named above, Kaustush Prabadh ladhye |
| execute the above assignment on $\frac{1}{2}$ (day) $\frac{1}{2}$ (day) $\frac{1}{2}$ (month) $\frac{1}{20}$ (year), and |
| such assignor is personally known to me to be the person described in this assignment. |
| |
| |

Patent

Client Reference: M80

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

SIGNATURE OF ASSIGNOR:

Date: 67 - 00 - 200/2 (dd.mm.yyyy)

STATEMENT OF WITNESS:

Patent

_____(dd.mm.yyyy)

Client Reference: M80

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

SIGNATURE OF ASSIGNOR:

Date: 07/08/2012

VIS, Wim

STATEMENT OF WITNESS: