503840829 05/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3887477

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| PIERRICK GUISET | 01/28/2016 |
| MAUD SARRANT-FORESTI | 04/22/2016 |
| CÉDRIC BROCHIER | 01/26/2016 |
| DELPHINE CHEVALIER | 01/26/2016 |

RECEIVING PARTY DATA

| Name: | SAINT-GOBAIN ADFORS | |
|-----------------|------------------------------|--|
| Street Address: | 517 AVENUE DE LA BOISSE | |
| City: | CHAMBERY | |
| State/Country: | FRANCE | |
| Postal Code: | F-73000 | |
| Name: | SAINT-GOBAIN PLACO | |
| Street Address: | 34 AVENUE FRANKLIN ROOSEVELT | |
| City: | SURESNES | |
| State/Country: | FRANCE | |
| Postal Code: | F-92150 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14908890 |

CORRESPONDENCE DATA

Fax Number: (703)770-7901

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: PILLSBURY WINTHROP SHAW PITTMAN, LLP (NV

Address Line 1: PO BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER: 077352-0445167

NAME OF SUBMITTER: MARGARET BARHAM

PATENT 503840829 REEL: 038706 FRAME: 0626

| SIGNATURE: | /Margaret Barham/ | |
|--|-------------------|--|
| DATE SIGNED: | 05/24/2016 | |
| Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif | | |
| source=Assignment#page5.tif source=Assignment#page6.tif | | |

PATENT REEL: 038706 FRAME: 0627

| Please return signe | d/recorded to: | | r Inventions made | | |
|---|--|--|---|---|--|
| Pillsbury Winthrop Shaw Pittman LLP | | | ecuted with or after y. Dkt. 7352-0445167 | Client Ref.: 2013058 US- | |
| Intellectual Property P.O. Box 10500 McLean, VA 22102 | Sole or Joint | n. | M# | MR4 Client Ref. | |
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| | OF NONPROVISIONAL AF | PLICATION | | | |
| In each of the undersi | consideration of the sum of Ten Dollars (\$10.00) aned, to wit: | and other good a | and valuable con | sideration paid to | |
| INSERT | (1) Pierrick GUISET | (2) | Maud SARRANT | -FORESTI | |
| NAME(S) OF | (3) Cédric BROCHIER | (4) | Delphine CHEV | ALIER | |
| INVENTOR(S) | (5) | (6) | | | |
| the receipt and suffi assign(s) and transf | ciency of which are hereby acknowledged by the er(s) unto: | undersigned wi | ho at the request | of, hereby sell(s), | |
| INSERT NAME(S) OF ASSIGNEE(S) | SAINT-GOBAIN ADFORS 517 Avenue de la Boisse F-73000 CHAMBERY | | | | |
| & ADDRESS(ES) | France | | | | |
| | SAINT-GOBAIN PLACO | ************************************** | | | |
| | 34 Avenue Franklin Roosevelt | | | | |
| | F-92150 Suresnes France | 4 4, j | | | |
| • | W | | | | |
| U.S.C. 100, in the in | ted "ASSIGNEE") the entire right, title and interest vention and all applications including any and all ting patents, known as | st for the United divisions, contin | States of Americ uations, substitu | a as defined in 35 tes, and reissues | |
| TITLE OF INVENTION | OPTOMECHANICAL SYSTEM FOR INJECTING LIGHT, OPTICAL COUPLER OF SAID SYSTEM ILLUMINATING DEVICE WITH SAID SYSTEM | | | | |
| for which the undersigned executed an application for Letters Patents of the United States of America: | | | nited States of | | |
| NOTE → → (Complete | (A) even date herewith (B) on | | | | |
| line A, B and/or C) (C) \(\times\) in U.S. Appln. No. 14 908, 890 filed January 29, 2016 | | | | ,2016 | |
| AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; | | | | | |

PATENT REEL: 038706 FRAME: 0628

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

 $\underline{\mathsf{NOTE}} \Rightarrow \to$ The undersigned hereby authorize(s) Pillsbury Winthrop Shaw Pittman LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| | INVENTOR | DATE SIGNED | WITNESS |
|----------|----------------------|--|-----------------------|
| 1) Name: | Pierrick GUISET | January 28, 2016 | Aurélie Guiset Duisel |
| 2) Name: | Maud SARRANT-FORESTI | produce after produce and a second se | |
| 3) Name: | Cédric BROCHIER | The second secon | |
| 4) Name: | Maud SARRANT-FORESTI | | |

| Please return signe | d/recorded to: | | For Inventions made | | |
|---|--|--|--|--|--|
| Pillsbury Winthrop S | Shaw Pittman LLP | | executed with or after Atty. Dkt. 077352-0445167 | er application Client Ref.: 2013058 US- MR4 | |
| Intellectual Property P.O. Box 10500 McLean, VA 22102 | · | A Patent Appln. Sole or Joint | ₩ # | Client Ref. | |
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| | OF NONPROV | ISIONAL APPLICATION | <u> </u> | | |
| In a | consideration of the sum of Ten Dogned, to wit: | illars (\$10.00) and other go | ood and valuable con | sideration paid to | |
| INSERT | (1) Pierrick GUISET | | (2) Maud SARRAN | r-FORESTI | |
| NAME(S) OF | (3) Cédric BROCHIER | | (4) Delphine CHEV | ALIER | |
| INVENTOR(S) | (5) | | (6) | | |
| the receipt and suffi assign(s) and transf | ciency of which are hereby acknow er(s) unto: | vledged by the undersigne | d who at the request | of, hereby sell(s), | |
| INSERT | SAINT-GOBAIN ADFORS | | | | |
| NAME(S) OF | 517 Avenue de la Boisse | | | | |
| ASSIGNEE(S) | F-73000 CHAMBERY France | | | | |
| & ADDRESS(ES) | | | | | |
| | SAINT-GOBAIN PLACO | | | What is a second of the second | |
| - | 34 Avenue Franklin Roosevelt F-92150 Suresnes | ************************************** | | | |
| - | France | A Pharties and the state of the | y vertex | | |
| | - 1918 |) | W. L | | |
| (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as | | | | | |
| TITLE OF INVENTION | OPTOMECHANICAL SYSTEM FOR INJECTING LIGHT, OPTICAL COUPLER OF SAID SYSTEM ILLUMINATING DEVICE WITH SAID SYSTEM | | | | |
| | for which the undersigned exec America: | cuted an application for Le | tters Patents of the U | nited States of | |
| NOTE → → (Complete | (A) ☐ even date herewith (B) ☐ on | 1 | | | |
| line A, B and/or C) | (C) 🔀 in U.S. Appln. No. | 14 908,890 fil | ed January ? | 29,2016 | |
| AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; | | | | | |

PATENT REEL: 038706 FRAME: 0630

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

 $\underline{\mathsf{NOTE}} \Rightarrow \Rightarrow$ The undersigned hereby authorize(s) Pillsbury Winthrop Shaw Pittman LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| | INVENTOR | <u>DATE</u> <u>SIGNED</u> | WITNESS | |
|----------|----------------------|------------------------------|----------|---|
| 1) Name: | Pierrick GUISET | | | |
| 2) Name: | Maud SARRANT-FORESTI | 22 04 20 | 16 - OSF | 7 |
| 3) Name: | Cédric BROCHIER | yt | | |
| 4) Name: | Delphine CHEVALIER | | | |

| Please return signe | d/recorded to: | For Inventions made | de outside LISA |
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| • | | executed with or after application | |
| Pillsbury Winthrop \$ | Shaw Pittman LLP | Atty. Dkt. 077352-0445167 | Client Ref.: 2013058 US- MR4 |
| Intellectual Property | Group USA Patent Appln. | | Client Ref. |
| P.O. Box 10500 | Sole or Joint | | , |
| McLean, VA 22102 | -4859 | | |
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| INSERT | (1) Pierrick GUISET | (2) Maud SARRAN | IT-FORESTI |
| NAME(S) OF | (3) Cédric BROCHIER | (4) Delphine CHE\ | /ALIER |
| INVENTOR(\$) | (5) | (6) | |
| the receipt and suffice assign(s) and transfer | ciency of which are hereby acknowledged by the undersigner(s) unto: | ned who at the reques | st of, hereby sell(s), |
| INSERT | SAINT-GOBAIN ADFORS | | |
| NAME(S) OF | 517 Avenue de la Bolsse | WALL CONTRACTOR CONTRA | |
| ASSIGNEE(S) | F-73000 CHAMBERY | | |
| | France | | |
| & ADDRESS(ES) | | | |
| - | SAINT-GOBAIN PLACO | | |
| - | 34 Avenue Franklin Roosevelt F-92150 Suresnes | | |
| - | F-92150 Suresnes France | ententententententententententententente | **** |
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| U.S.C. 100, in the in | ted "ASSIGNEE") the entire right, title and interest for the to vention and all applications including any and all divisions, ting patents, known as | Inited States of Ameri continuations, substit | ca as defined in 35 utes, and reissues |
| TITLE OF INVENTION | OPTOMECHANICAL SYSTEM FOR INJECTING LIGH SYSTEM ILLUMINATING DEVICE WITH SAID SYSTE | IT, OPTICAL COUPLE M | ER OF SAID |
| | for which the undersigned executed an application for the America: | etters Patents of the l | United States of |
| $NOTE \rightarrow \rightarrow$ | (A) even date herewith | | |
| (Complete | (B) on | | |
| line A, B and/or C) | (C) \(\sim \) in U.S. Applin. No. 4 908,890 | filed January 2 | 9,2016 |
| AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; | | | |

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| | INVENTOR | <u>DATE</u> <u>SIGNED</u> | WITNESS |
|----------|----------------------|--|---|
| 1) Name: | Pierrick GUISET | · · · · · · · · · · · · · · · · · · · | |
| 2) Name: | Maud SARRANT-FORESTI | The state of the s | *************************************** |
| 3) Name: | Cédric BROCHIER | 160116 | 26/04/16 MORANGE |
| 4) Name: | Delphine CHEVALIER | 261011501P | 26/01/16 MORANGE |