12/14/2018 505238190

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5284960

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| CAMILLE DASSONVILLE | 10/18/2018 |
| DIETER KLEYER | 11/18/2018 |

RECEIVING PARTY DATA

| Name: | SAINT-GOBAIN GLASS FRANCE |
|-----------------|---------------------------|
| Street Address: | 18 AVENUE D'ALSACE |
| City: | COURBEVOIE |
| State/Country: | FRANCE |
| Postal Code: | 92400 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16096934 |

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.

Phone: 703-770-7900

Email: maggie.barham@pillsburylaw.com

Correspondent Name: PILLSBURY WINTHROP SHAW PITTMAN, LLP

Address Line 1: PO BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

| ATTORNEY DOCKET NUMBER: | 077352-0461960 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | MARGARET BARHAM |
| SIGNATURE: | /Margaret Barham/ |
| DATE SIGNED: | 12/14/2018 |

Total Attachments: 4

source=077352-0461960_Assignment#page1.tif source=077352-0461960_Assignment#page2.tif source=077352-0461960_Assignment#page3.tif source=077352-0461960 Assignment#page4.tif

> **PATENT** REEL: 047783 FRAME: 0172

505238190

| Please return signe | d/recorded to: | F | or Inventions ma | ade outside USA |
|---------------------------|---|--|--------------------------------------|--|
| Dillahara Minshaara A | DE DW 11 D | | xecuted with or a | |
| Pillsbury Winthrop S | Shaw Pittman LLP | | itty. Dkt. | Client Ref.: |
| Intellectual Property | Group USA Patent Appln. | U | 77352- <u>0461960</u> M# | 2016046 US-LT2 Client Ref. |
| P.O. Box 10500 | Sole or Joint | | IVI II | Client Ref. |
| McLean, VA 22102 | | | | |
| | | | | |
| NONPROVISIONAL | ASSIGNMENT | | | NONPROVISIONAL |
| | OF NONPROVISIONAL APP | LICATION | J. | |
| | | | _ | |
| In c | consideration of the sum of Ten Dollars (\$10.00) and | d other good | d and valuable c | onsideration paid to |
| each of the undersig | | | | |
| INSERT | (1) Camille DASSONVILLE | (2) Dieter | KLEYER | 1 |
| NAME(S) OF | (3) | (4) | | |
| INVENTOR(S) | (5) | (6) | | |
| assign(s) and transf | • , | dersigned | who at the reque | est of, hereby sell(s), |
| INSERT | SAINT-GOBAIN GLASS FRANCE | | | |
| NAME(S) OF ASSIGNEE(S) | 18 Avenue d'Alsace 92400 Courbevoie | | | |
| Assigner(s) | France | | | |
| • | Transp | —————————————————————————————————————— | | |
| & ADDRESS(ES) | | • | | |
| U.S.C. 100, in the in | ted "ASSIGNEE") the entire right, title and interest for vention and all applications including any and all div lting patents, known as | or the Unite | d States of Ame tinuations, subst | rica as defined in 35 itutes, and reissues |
| TITLE OF INVENTION | 1 | | | UNCTIONAL |
| | for which the undersigned executed an applicati America: | on for Lette | rs Patents of the | United States of |
| NOTE → → | (A) even date herewith | | | |

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;

16/096,934

(Complete

line A, B and/or C)

(B) 🔲 on

(C) X in U.S. Appln. No.

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.

PAT-114 1/00 4820-3245-9635.v1

PATENT REEL: 047783 FRAME: 0173

filed October 26, 2018

| NOTE → → 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: | Camille DASSONVILLE | 18/10/2018 | | |
| 2) Name: | Dieter KLEYER | | | |

PAT-114 1/00 4820-3245-9635.v1

| Please return signe | ed/recorded to: | For Inventions made outside USA | | |
|--|--|--|--|--|
| · · | | executed with or after application | | |
| Pillsbury Winthrop | Shaw Pittman LLP | Atty. Dkt. Client Ref.: | | |
| detalle at est Descript | 0 | 077352- <u>0461960 2016046 US-LT2</u> | | |
| Intellectual Property P.O. Box 10500 | y Group USA Patent Appln. Sole or Joint | M# Client Ref. | | |
| McLean, VA 22102 | | | | |
| | . 1000 | | | |
| | == | T | | |
| NONPROVISIONAL | ASSIGNMENT | NONPROVISIONAL | | |
| | <u>OF NONPROVISIONAL APP</u> | LICATION | | |
| . ما | consideration of the course of Tay Dallace (DAC CO) | | | |
| each of the undersi | consideration of the sum of Ten Dollars (\$10.00) and | d other good and valuable consideration paid to | | |
| | | | | |
| INSERT | (1) Camille DASSONVILLE | (2) Dieter KLEYER | | |
| NAME(S) OF | (3) | (4) | | |
| INVENTOR(S) | (5) | (6) | | |
| the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: | | | | |
| INSERT | SAINT-GOBAIN GLASS FRANCE | | | |
| NAME(S) OF | 18 Avenue d'Alsace | | | |
| ASSIGNEE(S) | 92400 Courbevoie | | | |
| | France | | | |
| 0.4555555 | | | | |
| & ADDRESS(ES) | A. J. BACOLOA ISTERNAL | | | |
| U.S.C. 100, in the ir | ated "ASSIGNEE") the entire right, title and interest for Evention and all applications including any and all div Elting patents, known as | or the United States of America as defined in 35 visions, continuations, substitutes, and reissues | | |
| TITLE OF INVENTION | The second of th | | | |
| | | | | |

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(A) __ even date herewith (B) __ on ____

(Complete

line A, B and/or C)

(C) X in U.S. Appln. No.

16/096,934 filed

October 26, 2018

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;

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.

> PAT-114 1/00 4820-3245-9635.v1

PATENT REEL: 047783 FRAME: 0175 ${\tt NOTE} \to {\tt }$ 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: | Camille DASSONVILLE | | |
| | Dut My | 15.11.18 | |
| 2) Name: | Dieter KLEYER | | |

PAT-114 1/00 4820-3245-9635.v1