504076072 11/01/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4122739

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| ALEXEY SERGEYEVICH AMOSOV | 09/07/2016 |
| HEATHER DEBRA BOEK | 09/06/2016 |
| FRANK COPPOLA | 09/01/2016 |
| MATTHEW JOHN DEJNEKA | 09/07/2016 |
| JOHN CHRISTOPHER MAURO | 09/07/2016 |
| NATESAN VENKATARAMAN | 08/31/2016 |
| MARK OWEN WELLER | 09/01/2016 |

RECEIVING PARTY DATA

| Name: | CORNING INCORPORATED |
|-----------------|----------------------|
| Street Address: | ONE RIVERFRONT PLAZA |
| City: | CORNING |
| State/Country: | NEW YORK |
| Postal Code: | 14831 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15125453 |

CORRESPONDENCE DATA

Fax Number:

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: 607-974-0084

Email: wilsonmg2@corning.com
Correspondent Name: CORNING INCORPORATED

Address Line 1: SP-TI-3-1

Address Line 4: CORNING, NEW YORK 14831

| ATTORNEY DOCKET NUMBER: | SP14-069 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | MICHAEL A. HOOD |
| SIGNATURE: | /MICHAEL A. HOOD/ |
| DATE SIGNED: | 11/01/2016 |

PATENT 504076072 REEL: 040186 FRAME: 0281

Total Attachments: 4

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PATENT REEL: 040186 FRAME: 0282

ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a GLASS ARTICLE AND METHOD FOR FORMING THE SAME, such inventions being generally described in an application for Letters Patent of the United States executed on

| DATE | 9/7/2016 |
|------|-----------|
| DATE | 9/6/2016 |
| DATE | 9/1/2016 |
| DATE | 9/7/2016 |
| DATE | 9/7/20/4 |
| DATE | 8/31/2016 |
| DATE | 9/1/2014 |

and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

Revised: January 24, 2013

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

| 7 Sept. 2016 Date | Alexey Sergeyevich Amosov | |
|---|---|---|
| Date | Heather Debra Boek | |
| Date | Frank Coppola | |
| Date | Matthew John Dejneka | |
| Date | John Christopher Mauro | |
| Date | Natesan Venkataraman | |
| Date | Mark Owen Weller | |
| St. Petersburg) : ss. Russia) On the I day of September | 2016, before me personally came Alexey Sergeyevich | Amosay known to be the |
| person described in and who executed t | he foregoing instrument, and acknowledged that they exe | Almosov known to be the couted the same. $Shalmv$ |
| State of New York) : ss. County of Steuben) | | |
| On the day of described in and who executed the forest | 2016, before me personally came Heather Debra Boel going instrument, and acknowledged that they executed the | k known to be the person he same. |
| | Notary Public | |

Signed at Corning, NY, this

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Corning, NY, this

| Date | Alexey Sergeyevich Amosov |
|---|---|
| 9/6/2016 | When Debar Bod |
| Date / / | Heather Debra Boek |
| gc \$ 9/01/2016 | Fronk Coy Ma |
| Date | Frank Coppola |
| 9 7/24/6 | |
| Date | Matthew John Dejneka |
| 9/7/2016 | John Charled non |
| Date | John Christopher Mauro |
| 08/31/2016 | 1. Marie |
| Date | Natesan Venkataraman |
| 9/1/2016 | Mark Own Ullh |
| Date | Mark Owen Weller |
| State of New York) | |
| : ss. County of Steuben) | |
| On theday of person described in and who executed | 2016, before me personally came Alexey Sergeyevich Amosov known to be the the foregoing instrument, and acknowledged that they executed the same. |
| | Notary Public |
| State of New York) | |
| : ss. County of Steuben) | |
| On the day of new described in and who executed the for | 2016, before me personally came Heather Debra Bock known to be the person egoing instrument, and acknowledged that they executed the same. |
| | Notary Public |

Luanne Wheeler Notary Public, State of New York Qualified in Steuben County, No. 01WH6338409 My Commission Expires March 14,42422

Revised: June 4, 2015

| State of New York) | |
|--|--|
| 3 83. | |
| County of Steuben) | |
| On the day of 2016, before me persin and who executed the foregoing instrument, and acknow | onally came Frank Coppola known to be the person described ledged that they executed the same. |
| LuAnne Wheeler Notary Public, State of New York Qualified in Steuben County, No. (| muzza Lulune Whele |
| State of New York) My Commission Expires Merch 14 | ' HANNE VYNSEIER' |
| : ss. County of Steuben) | 2020 - Souther County: No. 01WH8336400 () |
| 4. A | The state of the s |
| On the 113 day of the same 2016, before me per described in and who executed the foregoing instrument, and | sonally came Matthew John Deineka known to be the person and acknowledged that they executed the same. |
| | - Helm Wels |
| | LuAhne Wileeler Notary Public, State of New York |
| State of New York) | Oualified in Steuben County, No. 03,7976338789 |
| : ss. County of Steuben) | My Commission Expires March 14/3/22/ |
| On the day of Critics 2016, before me persodescribed in and who executed the foregoing instrument, and | onally came John Christopher Mauro known to be the person and acknowledged that they executed the same. |
| | <i>40</i> 0 0 0 |
| | - Julkene Wheeler |
| | Notary Public LuAnne Wheele r |
| State of New York) | Notary Public, State of New York |
| County of Steuben) | Qualified in Steuben County, No. 01WH6338409 My Commission Expires March 14, |
| | conally came Natesan Venkataraman known to be the person |
| | Luciana Dhecles |
| | Notary Public |
| State of New York) | LuAnne Wheeler Notary Public, State of New York |
| ; ss. | Qualified in Steuben County, No. 01WH6338409 |
| County of Steuben) | My Commission Expires March 14, |
| On the St day of St 2016, before me podescribed in and who executed the foregoing instrument, and | ersonally came Mark Owen Weller known to be the person and acknowledged that they executed the same. |
| | P. M. Jan M. J. |
| | <u>Luûnne Wheelas</u> |
| | Notary Public |
| | LuArne Wheeler |
| | Notary Public, State of New York Qualified in Steuben County, No. 019946338409 |
| | My Commission Expires March 14, 322 |

Revised: June 4, 2015

PATENT REEL: 040186 FRAME: 0286

RECORDED: 11/01/2016