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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7192745

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DAVID W. CHIASOON | 06/26/2012 |
| CRAIG MILLER CONRAD | 06/25/2012 |
| JONATHAN EDWARD MOON | 06/26/2012 |
| MARK WADE PETERSEN | 08/02/2012 |
| DAVID HENRY SMITH | 07/10/2012 |
| RECEIVING PARTY DATA | |
| Name: | CORNING CABLE SYSTEMS LLC |
| Street Address: | 800 17TH STREET NW |
| City: | HICKORY |
| State/Country: | NORTH CAROLINA |
| Postal Code: | 28601 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17679414 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>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.</i> | |
| Phone: | 607-974-1442 |
| Email: | defreitam@corning.com |
| Correspondent Name: | CORNING OPTICAL COMMUNICATIONS LLC |
| Address Line 1: | INTELLECTUAL PROPERTY DEPARTMENT |
| Address Line 2: | SP-TI-3-1 |
| Address Line 4: | CORNING, NEW YORK 14831 |
| ATTORNEY DOCKET NUMBER: | HI09-091A2A1 US |
| NAME OF SUBMITTER: | MICHELLE DEFREITAS |
| SIGNATURE: | /Michelle DeFreitas/ |
| DATE SIGNED: | 02/24/2022 |
| Total Attachments: 8 | |

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ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto CORNING CABLE SYSTEMS LLC, a corporation organized and existing under the laws of the State of North Carolina, having its principal place of business at Hickory, North Carolina, (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 **CABLE STRANDING APPARATUS EMPLOYING A HOLLOW-SHAFT GUIDE MEMBER DRIVER**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 6-26-2012
 DATE 6-25-2012
 DATE 6-26-2012
 DATE 8-2-2012
 DATE 7-10-2012

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.

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 this

June 26/2012
Date

David W. Chiasson
David W. Chiasson

Date

Craig Miller Conrad

Date

Jonathan Edward Moon

Date

Mark Wade Petersen

Date

David Henry Smith

On the 26th day of June 2012, before me personally came David W. Chiasson known to be the person described in and who executed the foregoing instrument, and acknowledged ~~that they~~ executed the same.

[Signature]
Witness

Edmonton, Alberta, Canada
~~State of North Carolina)~~
: ss.
County of _____)

On the ____ day of _____ 2012, before me personally came Craig M. Conrad known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of North Carolina)
: ss.
County of _____)

On the ____ day of _____ 2012, before me personally came Jonathan Edward Moon known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

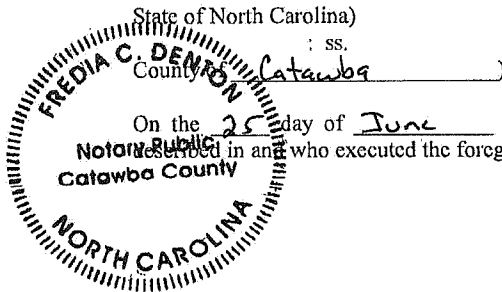
I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed this

| | |
|---------------------------|----------------------------|
| _____ | _____ |
| Date | David W. Chiasson |
| _____ | _____ |
| Date <i>June 25, 2012</i> | <i>Craig Miller Conrad</i> |
| _____ | _____ |
| Date | Jonathan Edward Moon |
| _____ | _____ |
| Date | Mark Wade Petersen |
| _____ | _____ |
| Date | David Henry Smith |

On the ____ day of _____ 2012, before me personally came **David W. Chiasson** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness



State of North Carolina)
: ss.
County of Catawba)

On the 25 day of June 2012, before me personally came **Craig M. Conrad** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Fredia C. Denton
Notary Public *Fredia C. Denton*
Commission expires: *February 27, 2017*

State of North Carolina)
: ss.
County of _____)

On the ____ day of _____ 2012, before me personally came **Jonathan Edward Moon** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

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 this

| | |
|-----------|----------------------------|
| _____ | _____ |
| Date | David W. Chiasson |
| _____ | _____ |
| Date | Craig Miller Conrad |
| 6/26/2012 | <i>Craig Miller Conrad</i> |
| _____ | _____ |
| Date | Jonathan Edward Moon |
| _____ | _____ |
| Date | Mark Wade Petersen |
| _____ | _____ |
| Date | David Henry Smith |

On the _____ day of _____ 2012, before me personally came David W. Chiasson known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

State of North Carolina)
: ss.
County of _____)

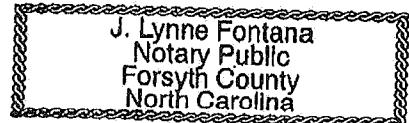
On the _____ day of _____ 2012, before me personally came Craig M. Conrad known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of North Carolina)
: ss.
County of Forsyth)

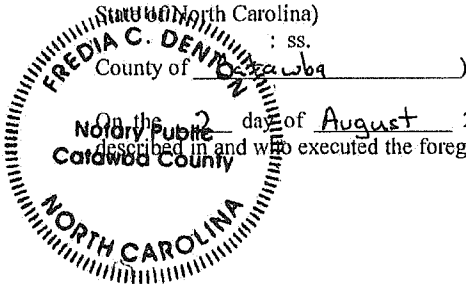
On the 26th day of June 2012, before me personally came Jonathan Edward Moon known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

J. Lynne Fontana
Notary Public



Revised: December 29, 2011

My commission expires 8/31/14.



State of North Carolina)
: ss.
County of Catawba)

On the 2 day of August 2012, before me personally came **Mark W. Petersen** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Fredia C. Denton
Notary Public Fredia C. Denton

Commission expires: February 27, 2017

State of North Carolina)
: ss.
County of _____)

On the _____ day of _____ 2012, before me personally came **David H. Smith** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

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 this

Date David W. Chiasson

Date Craig Miller Conrad

Date Jonathan Edward Moon

Date Mark Wade Petersen

7/10/2012
Date *David Henry Smith*
David Henry Smith

On the ____ day of _____ 2012, before me personally came **David W. Chiasson** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

State of North Carolina)
: ss.
County of _____)

On the ____ day of _____ 2012, before me personally came **Craig M. Conrad** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of North Carolina)
: ss.
County of _____)

On the ____ day of _____ 2012, before me personally came **Jonathan Edward Moon** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of North Carolina)
: ss.
County of _____)

On the ____ day of _____ 2012, before me personally came **Mark W. Petersen** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

State of North Carolina)
: ss.
County of Catawba)

On the 10 day of July 2012, before me personally came **David H. Smith** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Fredia C. Denton
Notary Public

Fredia C. Denton

Commission expires: February 27, 2012

