

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT            |               |                           |                      |                    |                 |            |                       |                |                      |            |
|--|---------------------------|---------------|---------------------------|----------------------|--------------------|-----------------|------------|-----------------------|----------------|----------------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                |               |                           |                      |                    |                 |            |                       |                |                      |            |
| CONVEYING PARTY DATA   |                           |               |                           |                      |                    |                 |            |                       |                |                      |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Micah Colen Isenhour</td> <td>05/07/2013</td> </tr> <tr> <td>Michael de Jong</td> <td>05/07/2013</td> </tr> <tr> <td>Dennis Michael Knecht</td> <td>05/08/2013</td> </tr> <tr> <td>James Phillip Luther</td> <td>05/07/2013</td> </tr> </tbody> </table>                                     |                           | Name          | Execution Date            | Micah Colen Isenhour | 05/07/2013         | Michael de Jong | 05/07/2013 | Dennis Michael Knecht | 05/08/2013     | James Phillip Luther | 05/07/2013 |
| Name   | Execution Date            |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Micah Colen Isenhour   | 05/07/2013                |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Michael de Jong  | 05/07/2013                |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Dennis Michael Knecht  | 05/08/2013                |               |                           |                      |                    |                 |            |                       |                |                      |            |
| James Phillip Luther   | 05/07/2013                |               |                           |                      |                    |                 |            |                       |                |                      |            |
| RECEIVING PARTY DATA   |                           |               |                           |                      |                    |                 |            |                       |                |                      |            |
| <table border="1"> <tr> <td>Name:</td> <td>Corning Cable Systems LLC</td> </tr> <tr> <td>Street Address:</td> <td>800 17th Street NW</td> </tr> <tr> <td>City:</td> <td>Hickory</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28601</td> </tr> </table>   |                           | Name:         | Corning Cable Systems LLC | Street Address:      | 800 17th Street NW | City:           | Hickory    | State/Country:        | NORTH CAROLINA | Postal Code:         | 28601      |
| Name:  | Corning Cable Systems LLC |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Street Address:  | 800 17th Street NW        |               |                           |                      |                    |                 |            |                       |                |                      |            |
| City:  | Hickory                   |               |                           |                      |                    |                 |            |                       |                |                      |            |
| State/Country:   | NORTH CAROLINA            |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Postal Code:   | 28601                     |               |                           |                      |                    |                 |            |                       |                |                      |            |
| PROPERTY NUMBERS Total: 1  |                           |               |                           |                      |                    |                 |            |                       |                |                      |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13753028</td> </tr> </tbody> </table>  |                           | Property Type | Number                    | Application Number:  | 13753028           |                 |            |                       |                |                      |            |
| Property Type  | Number                    |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Application Number:  | 13753028                  |               |                           |                      |                    |                 |            |                       |                |                      |            |
| CORRESPONDENCE DATA  |                           |               |                           |                      |                    |                 |            |                       |                |                      |            |
| <p>Fax Number: 8289015206<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 828-901-5156<br/>       Email: maurermd@corning.com</p> <p>Correspondent Name: Corning Cable Systems LLC<br/>       Address Line 1: Intellectual Property Department<br/>       Address Line 2: SP-TI-3-1<br/>       Address Line 4: Corning, NEW YORK 14831</p> |                           |               |                           |                      |                    |                 |            |                       |                |                      |            |
| ATTORNEY DOCKET NUMBER:  | H113-004                  |               |                           |                      |                    |                 |            |                       |                |                      |            |
| NAME OF SUBMITTER:   | Michel D. Maurer          |               |                           |                      |                    |                 |            |                       |                |                      |            |
| Signature:   | /Michel D. Maurer/        |               |                           |                      |                    |                 |            |                       |                |                      |            |

PATENT

Date:

06/06/2013

**Total Attachments: 6**

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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 **OPTICAL CONNECTOR ASSEMBLIES HAVING ALIGNMENT COMPONENTS**, such inventions being generally described in an application for Letters Patent of the United States executed on

|             |                 |
|-------------|-----------------|
| <i>DATE</i> | <u>5-7-2013</u> |
| <i>DATE</i> | <u>5-7-2013</u> |
| <i>DATE</i> | <u>5-8-2013</u> |
| <i>DATE</i> | <u>5-7-2013</u> |

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

5/7/2013  
Date

Date

Micah Colen Isenhour  
Micah Colen Isenhour

Date \_\_\_\_\_

---

**Michael de Jong**

Date \_\_\_\_\_

**Dennis Michael Knecht**

Date 7/7

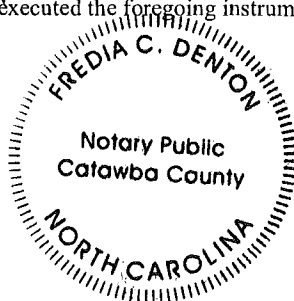
5/7/2023

**James Phillip Luther**

State of North Carolina

County of Catawba

On the 7 day of May 2013, before me personally came **Micah Colen Isenhour** 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  
My Commission Expires: February 27, 2017  
Fredia C. Denton

Notary Public

My Commission Expires: February 27, 2017

Fredia C. Denton

State of \_\_\_\_\_

County of \_\_\_\_\_

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Michael de Jong** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public  
My Commission Expires:

My Commission Expires:

State of North Carolina

County of Catawba

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Dennis Michael Knecht** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

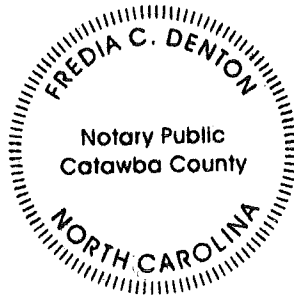
\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

State of North Carolina

County of Catawba

On the 7 day of May 2013, before me personally came **James Phillip Luther** 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

My Commission Expires: February 27, 2017

Fredia C. Denton

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

Micah Colen Isenhour

Date

5/7/2013

Michael de Jong

*Michael de Jong*

Date

Dennis Michael Knecht

Date

James Phillip Luther

State of North Carolina

County of Catawba

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Micah Colen Isenhour** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

My Commission Expires: \_\_\_\_\_

State of Texas

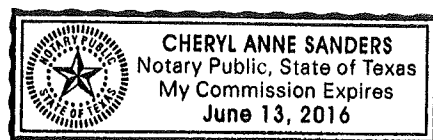
County of Tarrant

On the 7<sup>th</sup> day of May 2013, before me personally came **Michael de Jong** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

*Cheryl Anne Sanders*

Notary Public

My Commission Expires: June 13, 2016



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

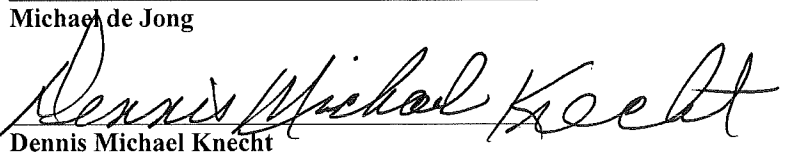
\_\_\_\_\_  
**Micah Colen Isenhour**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Michael de Jong**

5.8.2013

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
**Dennis Michael Knecht**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**James Phillip Luther**

State of North Carolina

County of Catawba

On the \_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came **Micah Colen Isenhour** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

On the \_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came **Michael de Jong** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

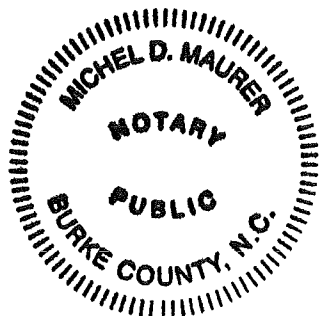
\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

State of North Carolina

County of Catawba

On the 8 day of May 2013, before me personally came **Dennis Michael Knecht** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



Michel D. Maurer  
Notary Public  
My Commission Expires: 1-16-2018

State of North Carolina

County of Catawba

On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **James Phillip Luther** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_