

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2640665

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>THOMAS EDMOND FLAHERTY IV</td> <td>11/14/2013</td> </tr> <tr> <td>GARY RICHARD TROTT</td> <td>11/14/2013</td> </tr> <tr> <td>JEEVAN KUMAR VEMAGIRI</td> <td>11/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS EDMOND FLAHERTY IV	11/14/2013	GARY RICHARD TROTT	11/14/2013	JEEVAN KUMAR VEMAGIRI	11/14/2013
Name	Execution Date								
THOMAS EDMOND FLAHERTY IV	11/14/2013								
GARY RICHARD TROTT	11/14/2013								
JEEVAN KUMAR VEMAGIRI	11/14/2013								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13790287</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13790287				
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Application Number:	13790287								
CORRESPONDENCE DATA									
Fax Number:	(828)901-5206								
Phone:	828-901-5156								
Email:	maurermd@corning.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	CORNING CABLE SYSTEMS LLC								
Address Line 1:	INTELLECTUAL PROPERTY DEPARTMENT								
Address Line 2:	SP-TI-3-1								
Address Line 4:	CORNING, NEW YORK 14831								
ATTORNEY DOCKET NUMBER:	HI12-032								
NAME OF SUBMITTER:	MICHEL D. MAURER								
Signature:	/Michel D. Maurer/								

Date:

12/07/2013

**Total Attachments: 4**

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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 **CONTROLLED-IMPEDANCE OUT-OF-SUBSTRATE PACKAGE STRUCTURES EMPLOYING ELECTRICAL DEVICES, AND RELATED ASSEMBLIES, COMPONENTS, AND METHODS**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 11/14/13  
DATE 11-14-2013  
DATE 11/14/2013

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

11/14/13  
Date

[Signature]  
Thomas Edmond Flaherty IV

\_\_\_\_\_  
Date

Gary Richard Trott

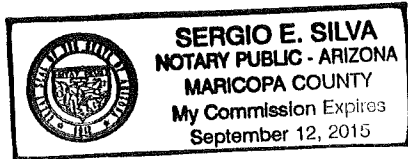
11/14/2013  
Date

[Signature]  
Jeevan Kumar Vemagiri

State of Arizona

County of Maricopa

On the 14<sup>th</sup> day of November 2013, before me personally came **Thomas Edmond Flaherty IV** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



[Signature]  
Notary Public  
My Commission Expires: Sept 12, 2015

State of California

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

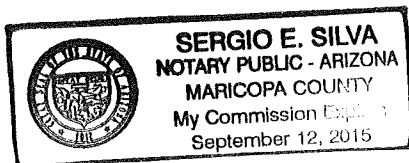
On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Gary Richard Trott** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

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

State of Arizona

County of Maricopa

On the 14<sup>th</sup> day of November 2013, before me personally came **Jeevan Kumar Vemagiri** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



[Signature]  
Notary Public  
My Commission Expires: Sept 12, 2015

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	Thomas Edmond Flaherty IV
<u>11/14/2013</u>	<u>Gary Richard Trott</u>
Date	Gary Richard Trott

_____	_____
Date	Jeevan Kumar Vemagiri

State of Arizona

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

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Thomas Edmond Flaherty IV** 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 California

County of \_\_\_\_\_ *see attached*

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Gary Richard Trott** 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 Arizona

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

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Jeevan Kumar Vemagiri** 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: \_\_\_\_\_

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1189

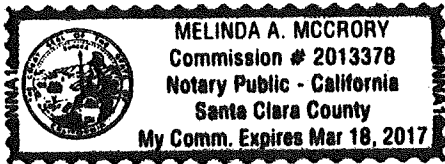
State of California

County of Santa Clara }

On 11-14-2013 before me, Melinda A. McCrory, Notary Public,  
Date Here Insert Name and Title of the Officer

personally appeared Gary Richard Trott  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Melinda A. McCrory  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment, Docket # HI12-032

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_ Signer's Name: \_\_\_\_\_

Corporate Officer — Title(s): \_\_\_\_\_  Corporate Officer — Title(s): \_\_\_\_\_

Individual  Individual

Partner —  Limited  General  Partner —  Limited  General

Attorney in Fact  Attorney in Fact

Trustee  Trustee

Guardian or Conservator  Guardian or Conservator

Other: \_\_\_\_\_  Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

