

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>Andrew P. Cowen</td><td>05/20/2010</td></tr><tr><td>Brian K. Rhoney</td><td>05/20/2010</td></tr><tr><td>Octavio Beltran</td><td>05/18/2010</td></tr><tr><td>Manuel A. Lopez</td><td>05/18/2010</td></tr></tbody></table>	Name	Execution Date	Andrew P. Cowen	05/20/2010	Brian K. Rhoney	05/20/2010	Octavio Beltran	05/18/2010	Manuel A. Lopez	05/18/2010	
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Andrew P. Cowen	05/20/2010										
Brian K. Rhoney	05/20/2010										
Octavio Beltran	05/18/2010										
Manuel A. Lopez	05/18/2010										
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>12780300</td></tr></tbody></table>	Property Type	Number	Application Number:	12780300							
Property Type	Number										
Application Number:	12780300										
CORRESPONDENCE DATA											
Fax Number:	(828)901-5206										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	828-901-6730										
Email:	michelle.martinez@corning.com										
Correspondent Name:	Corning Cable Systems LLC										
Address Line 1:	800 17th Street NW										
Address Line 4:	Hickory, NORTH CAROLINA 28601										
ATTORNEY DOCKET NUMBER:	HI10-051										
NAME OF SUBMITTER:	Michael E. Carroll, Jr.										

CH \$40.00 12780300

Total Attachments: 4

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PATENT

REEL: 024522 FRAME: 0815

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 **FURCATION MANAGEMENT STRUCTURES**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	<u>5/20/2010</u>
DATE	<u>5/20/10</u>
DATE	<u>5/18/2010</u>
DATE	<u>5/18/2010</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

5/20/2010
Date

AP. Cowen
Andrew P. Cowen

Date

Brian K. Rhoney

Date

Octavio Beltran

Date

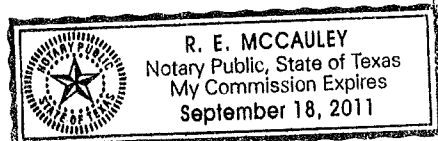
Manuel A. Lopez

State of Texas)

: ss.

County of Tarrant)

On the 20th day of may 2010, before me personally came **Andrew P. Cowen** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.



R. E. MCCAULEY
Notary Public

State of North Carolina)

: ss.

County of Catawba)

On the ____ day of _____ 2010, before me personally came **Brian K. Rhoney** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

On the ____ day of _____ 2010, before me personally came **Octavio Beltran** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

On the ____ day of _____ 2010, before me personally came **Manuel A. Lopez** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

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
5/20/10

Date

Andrew P. Cowen
B. K. Rhoney

Brian K. Rhoney

Date

Octavio Beltran

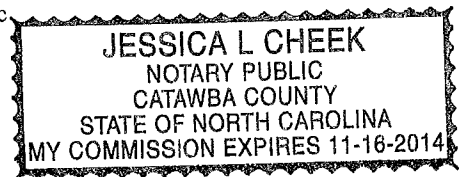
Date

Manuel A. Lopez

State of Texas)
: ss.
County of Tarrant)

On the ____ day of _____ 2010, before me personally came **Andrew P. Cowen** 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 20th day of May 2010, before me personally came **Brian K. Rhoney** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

Jessica L. Cheek

On the ____ day of _____ 2010, before me personally came **Octavio Beltran** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

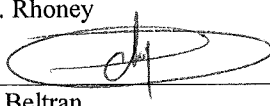

Witness

On the ____ day of _____ 2010, before me personally came **Manuel A. Lopez** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

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	Andrew P. Cowen
Date	Brian K. Rhoney
05/18/2010	
Date	Octavio Beltran
05/18/2010	
Date	Manuel A. Lopez

State of Texas)
: ss.
County of Tarrant)

On the ____ day of _____ 2010, before me personally came **Andrew P. Cowen** 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 ____ day of _____ 2010, before me personally came **Brian K. Rhoney** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

On the 18 day of May 2010, before me personally came **Octavio Beltran** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Witness

On the 18 day of May 2010, before me personally came **Manuel A. Lopez** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Witness