

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4317699

|   |  |                       |
|---|--|-----------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                         |                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                             |                       |
| <b>CONVEYING PARTY DATA</b>   |  |                       |
|   | <b>Name</b>                            | <b>Execution Date</b> |
|   | CORNING CABLE SYSTEMS LLC              | 05/27/2010            |
| <b>RECEIVING PARTY DATA</b>   |  |                       |
| <b>Name:</b>  | CCS TECHNOLOGY, INC.                   |                       |
| <b>Street Address:</b>  | 103 FOULK ROAD                         |                       |
| <b>Internal Address:</b>  | SUITE 278-T                            |                       |
| <b>City:</b>  | WILMINGTON                             |                       |
| <b>State/Country:</b>   | DELAWARE                               |                       |
| <b>Postal Code:</b>   | 19803                                  |                       |
| <b>PROPERTY NUMBERS Total: 8</b>  |  |                       |
| <b>Property Type</b>  | <b>Number</b>                          |                       |
| Patent Number:  | 7391943                                |                       |
| Patent Number:  | 7406232                                |                       |
| Patent Number:  | 7499526                                |                       |
| Patent Number:  | 7526163                                |                       |
| Patent Number:  | 7529451                                |                       |
| Patent Number:  | 7577330                                |                       |
| Patent Number:  | 7620287                                |                       |
| Patent Number:  | 7627217                                |                       |
| <b>CORRESPONDENCE DATA</b>  |  |                       |
| <b>Fax Number:</b>  | (937)449-6405                          |                       |
| <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> |  |                       |
| <b>Phone:</b>   | 9374496400                             |                       |
| <b>Email:</b>   | beth.bane@dinsmore.com                 |                       |
| <b>Correspondent Name:</b>  | DINSMORE & SHOHL LLP                   |                       |
| <b>Address Line 1:</b>  | ONE SOUTH MAIN ST., FIFTH THIRD CENTER |                       |
| <b>Address Line 2:</b>  | SUITE 1300                             |                       |
| <b>Address Line 4:</b>  | DAYTON, OHIO 45402                     |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | COC 0001 P0/34116.1472                 |                       |
| <b>NAME OF SUBMITTER:</b>   | JAMES E. BEYER                         |                       |

PATENT

|   |                  |
|---|------------------|
| <b>SIGNATURE:</b>   | /James E. Beyer/ |
| <b>DATE SIGNED:</b>   | 03/14/2017       |
| <b>Total Attachments: 4</b><br>source=Assignment_CCSLLC_to_CCSTI_2010#page1.tif<br>source=Assignment_CCSLLC_to_CCSTI_2010#page2.tif<br>source=Assignment_CCSLLC_to_CCSTI_2010#page3.tif<br>source=Assignment_CCSLLC_to_CCSTI_2010#page4.tif |                  |

Assignment of Patents  
Corning Cable Systems LLC to CCS Technology, Inc.

EXHIBIT A

**ASSIGNMENT OF PATENTS**

WHEREAS, Corning Cable Systems LLC, a limited liability company organized and existing under the laws of the State of North Carolina ("Assignor"), having a place of business at 800 17<sup>th</sup> Street, NW, Hickory, North Carolina 28601, wishes to assign and transfer the United States patents identified in Schedule A attached hereto, the inventions disclosed and claimed therein, and any foreign counterparts thereof;

WHEREAS, CCS Technology, Inc., a corporation organized and existing under the laws of the State of Delaware ("Assignee"), having a place of business at 103 Foulk Road, Suite 278-T, Wilmington, Delaware 19803 wishes to acquire and receive the United States patents identified in Schedule A attached hereto, the inventions disclosed and claimed therein, and any foreign counterparts thereof; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor assigns, sells, and transfers to Assignee all right, title and interest in and to the United States patents identified in Schedule A attached hereto, the inventions disclosed and claimed therein, and any foreign counterparts thereof, together with the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all infringement of such patents.

IN WITNESS WHEREOF, the parties and their duly authorized representatives have caused this Assignment of Patents to be executed on the date and in the capacities shown below.

**CORNING CABLE SYSTEMS LLC**

**CCS TECHNOLOGY, INC.**

By: Stephen P. Mill  
Senior Vice President and

By: Kari L. Johnson  
Kari Johnson

Its: Chief Financial Officer

Its: Vice President

Date: May 27, 2010

June 1, 2010 Date:

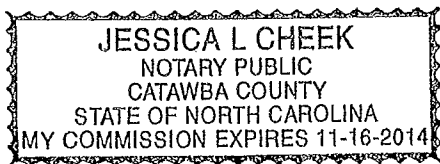
*Attachment - Schedule A: Listing - U.S. Patents*

Assignment of Patents  
Corning Cable Systems LLC to CCS Technology, Inc.

STATE OF North Carolina §

COUNTY OF Catawba §

On this 27<sup>th</sup> day of May, 2010 personally appeared before me Stephen P. Miller, to me known and known to me to be the Senior Vice President and Chief Financial Officer of Corning Cable Systems, LLC, the Assignor above named, and acknowledged that she executed the foregoing assignment on behalf of said Assignor and pursuant to authority duly received.



(Notary Seal)

Jessica L. Cheek  
Notary Public in and for  
the State of NC

My Commission Expires: 11/16/2014

STATE OF Delaware §

COUNTY OF New Castle §

On this 1<sup>st</sup> day of June, 2010 personally appeared before me Kari L. Johnson, to me known and known to me to be the Vice President of CCS Technology, Inc., the Assignee above named, and acknowledged that she executed the foregoing assignment on behalf of said Assignee and pursuant to authority duly received.



(Notary Seal)

Laura A Mace  
Notary Public in and for  
the State of Delaware

My Commission Expires: 9-19-2013

Assignment of Patents  
Corning Cable Systems LLC to CCS Technology, Inc.

| <b>Schedule A</b> | <b>Title</b>   | <b>Country</b> | <b>Patent No.</b> | <b>Patent Date</b> |
|-------------------|--|----------------|-------------------|--------------------|
|                   | Installation Closure Having Fiber Management Apparatus                             | US             | 7327943           | 5-Feb-08           |
|                   | Splice Connector For Verifying An Acceptable Splice Termination                    | US             | 7329049           | 12-Feb-08          |
|                   | Loopback Device Utilizing Bend Insensitive Optical Fiber                           | US             | 7330624           | 12-Feb-08          |
|                   | Fiber Optic Universal Bracket Apparatus And Methods                                | US             | 7330629           | 12-Feb-08          |
|                   | Flame Retardant Fiber Optic Cables   | US             | 7340134           | 4-Mar-08           |
|                   | Fiber Optic Drop Cable Slack Storage Receptacle                                    | US             | 7346253           | 18-Mar-08          |
|                   | Fiber Optic Housing Assembly For Fiber Optic Connectors Comprising Pivotal Portion | US             | 7349615           | 25-Mar-08          |
|                   | Fiber Optic Local Convergence Points For Multiple Dwelling Units                   | US             | 7349616           | 25-Mar-08          |
|                   | Secure Fiber Optic Connector And Adapter Systems                                   | US             | 7387447           | 17-Jun-08          |
|                   | Fiber Optic Cables That Are Separable For Optical Fiber Access                     | US             | 7391943           | 24-Jun-08          |
|                   | Cable Assembly Having Bend Performance Optical Fiber Slack Coil                    | US             | 7391950           | 24-Jun-08          |
|                   | Pre-Connectorized Fiber Optic Cable Network Interconnection Apparatus              | US             | 7391952           | 24-Jun-08          |
|                   | Attenuated Optical Splitter Module   | US             | 7391954           | 24-Jun-08          |
|                   | Fiber Optic Cables And Assemblies And The Performance Thereof                      | US             | 7397991           | 8-Jul-08           |
|                   | Tubeless Fiber Optic Cables Having Strength Members And Methods Therefor           | US             | 7397992           | 8-Jul-08           |
|                   | Fiber Optic Ribbons Having An Attachment Portion                                   | US             | 7397993           | 8-Jul-08           |
|                   | Non-Round Fiber Optic Cable Having Improved Major Axis Crush Resistance            | US             | 7406232           | 29-Jul-08          |
|                   | Fiber Optic Cable Having A Dry Insert With A Fold                                  | US             | 7406233           | 29-Jul-08          |
|                   | Fiber Optic Assemblies Suitable For Adding Nodes To A Communication Network        | US             | 7409127           | 5-Aug-08           |
|                   | Fiber Optic Local Convergence Points For Multiple Dwelling Units                   | US             | 7409138           | 5-Aug-08           |
|                   | Environmental Seal For Network Interface Device                                    | US             | 7414190           | 19-Aug-08          |
|                   | Optical Fiber Ribbon Splitting Tool  | US             | 7418180           | 26-Aug-08          |
|                   | Retention And Rotation Clamp Assembly For Use With An Angled Optical Fiber Cleaver | US             | 7428365           | 23-Sep-08          |
|                   | Connector Assembly Having Multi-Fiber Ferrule With Force Centering                 | US             | 7429136           | 30-Sep-08          |
|                   | Angle Specific Multi-Fiber Ferrules And Associated Methods Of Manufacture          | US             | 7448809           | 11-Nov-08          |
|                   | Fiber Optic Cables Suitable For Automated Preconnectorization                      | US             | 7454107           | 18-Nov-08          |
|                   | Furcation Tubing And Fanout Furcation Kit  | US             | 7461981           | 9-Dec-08           |
|                   | Methods And Apparatus For Transmitting Data  | US             | 7493044           | 17-Feb-09          |
|                   | Wireless Picocellular Rfid Systems And Methods                                     | US             | 7495560           | 24-Feb-09          |
|                   | High Density Fiber Optic Hardware  | US             | 7496268           | 24-Feb-09          |
|                   | Termination Module Including Subscriber Bridge Having Burglar Alarm Connections    | US             | 7499526           | 3-Mar-09           |
|                   | Fiber Optic Drop Terminals For Multiple Dwelling Units                             | US             | 7499622           | 3-Mar-09           |

Assignment of Patents  
Corning Cable Systems LLC to CCS Technology, Inc.

| <b>Schedule A</b> | <b>Title</b>  | <b>Country</b> | <b>Patent No.</b> | <b>Patent Date</b> |
|-------------------|---|----------------|-------------------|--------------------|
|                   | Optical Fiber Transition Device   | US             | 7512308           | 31-Mar-09          |
|                   | Preconnectorized Fiber Optic Local Convergence Points   | US             | 7519258           | 14-Apr-09          |
|                   | Locatable Cables And Cable Components Therefor  | US             | 7526163           | 28-Apr-09          |
|                   | Right-Angle Optical Fiber Connector Assembly  | US             | 7527435           | 5-May-09           |
|                   | Fiber Optic Cables Using Dry Inserts For Coupling And Methods Therefor                                      | US             | 7529451           | 5-May-09           |
|                   | Fiber Optic Ribbons Having One Or More Predetermined Fracture Regions                                       | US             | 7532796           | 12-May-09          |
|                   | Fiber Optic Cable Having A Dry Insert And Offset Cavity   | US             | 7536073           | 19-May-09          |
|                   | Articulated Force Application For Multi-Fiber Ferrules  | US             | 7540666           | 2-Jun-09           |
|                   | Environmentally Sealed Terminating Device And Sealing Gel   | US             | 7540759           | 2-Jun-09           |
|                   | Airline Optical Fiber With Reduced Multipath Interference And Methods Of Forming Same                       | US             | 7542645           | 2-Jun-09           |
|                   | Fiber Optic Cables Having At Least One Tether Optical Fiber   | US             | 7555181           | 30-Jun-09          |
|                   | Sealing And Retaining Cable Attachment For Telecommunications Closures                                      | US             | 7568943           | 4-Aug-09           |
|                   | Optical Fiber Mechanical Splice Connector   | US             | 7572064           | 11-Aug-09          |
|                   | Translucent Dust Cap For Fiber Optic Adapter  | US             | 7572066           | 11-Aug-09          |
|                   | Connectorized Nano-Engineered Optical Fibers And Methods Of Forming Same                                    | US             | 7577330           | 18-Aug-09          |
|                   | Pushing-In Fiber Optic Cable Driver   | US             | 7580608           | 25-Aug-09          |
|                   | Cable Assembly Having Semi-Hardened Network Access Point  | US             | 7596294           | 29-Sep-09          |
|                   | Preterminated Fiber Optic Cable Including Downstream Splitter   | US             | 7609923           | 27-Oct-09          |
|                   | Enclosure For Housing Communications Equipment  | US             | 7619160           | 17-Nov-09          |
|                   | Telecommunications Housing With Optical Fiber Management  | US             | 7620287           | 17-Nov-09          |
|                   | Adjustable Optical Tap  | US             | 7627214           | 1-Dec-09           |
|                   | Fiber Optic Cables Having A Toning Lobe   | US             | 7627217           | 1-Dec-09           |
|                   | Retractable Optical Fiber Tether Assembly And Associated Fiber Optic Cable                                  | US             | 7627218           | 1-Dec-09           |
|                   | Radio-Over-Fiber Transponder With A Dual-Band Antenna System  | US             | 7627250           | 1-Dec-09           |
|                   | Fiber Optic Plug Assembly With Boot And Crimp Band  | US             | 7628545           | 8-Dec-09           |
|                   | Index-Matching Gel For Nanostructure Optical Fibers And Mechanical Splice Assembly And Connector Using Same | US             | 7628548           | 8-Dec-09           |
|                   | Enclosure For Housing Communications Equipment  | US             | D583795           | 30-Dec-08          |