

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4392450

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
CORNING CABLE SYSTEMS LLC		01/24/2003
RECEIVING PARTY DATA		
Name:	CCS TECHNOLOGY, INC.	
Street Address:	103 FOULK ROAD	
Internal Address:	SUITE 278-T	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19803	
PROPERTY NUMBERS Total: 47		
Property Type	Number	
Patent Number:	5970196	
Patent Number:	D415118	
Patent Number:	5923804	
Patent Number:	6025422	
Patent Number:	6130977	
Patent Number:	6137866	
Patent Number:	6167178	
Patent Number:	6178080	
Patent Number:	6185352	
Patent Number:	6195486	
Patent Number:	6227718	
Patent Number:	6256438	
Patent Number:	6262373	
Patent Number:	6292614	
Patent Number:	6293081	
Patent Number:	6295401	
Patent Number:	6304701	
Patent Number:	6307997	
Patent Number:	6317307	

PATENT

Property Type	Number
Patent Number:	6332052
Patent Number:	6343172
Patent Number:	6353696
Patent Number:	6370304
Patent Number:	6374023
Patent Number:	6400873
Patent Number:	6434305
Patent Number:	6496640
Patent Number:	D423911
Patent Number:	D455331
Patent Number:	6018605
Patent Number:	6026160
Patent Number:	6044193
Patent Number:	6160940
Patent Number:	6356690
Patent Number:	6359228
Patent Number:	6396993
Patent Number:	6411767
Patent Number:	6424772
Patent Number:	6149313
Patent Number:	6151392
Patent Number:	6215064
Patent Number:	6238250
Patent Number:	6247664
Patent Number:	6249628
Patent Number:	6315595
Patent Number:	6059224
Patent Number:	6463198

CORRESPONDENCE DATA

Fax Number: (937)449-6405

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.

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Correspondent Name: DINSMORE & SHOHL LLP

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Address Line 2: SUITE 1300

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ATTORNEY DOCKET NUMBER:	COC 0001 P0/34116.1472
NAME OF SUBMITTER:	JAMES E. BEYER
SIGNATURE:	/James E. Beyer/
DATE SIGNED:	05/01/2017
Total Attachments: 7 source=Assignment_CCSLLC_to_CCSTI_2003#page1.tif source=Assignment_CCSLLC_to_CCSTI_2003#page2.tif source=Assignment_CCSLLC_to_CCSTI_2003#page3.tif source=Assignment_CCSLLC_to_CCSTI_2003#page4.tif source=Assignment_CCSLLC_to_CCSTI_2003#page5.tif source=Assignment_CCSLLC_to_CCSTI_2003#page6.tif source=Assignment_CCSLLC_to_CCSTI_2003#page7.tif	

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 17th Street, NW, Hickory, North Carolina 28601, wishes to assign and transfer the United States and Canadian 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 and Canadian 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 and Canadian 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: [Signature]

By: [Signature]

Its: SVP Finance CFO

Its: Vice President

Date: 1/24/03

Date: 1/28/2003

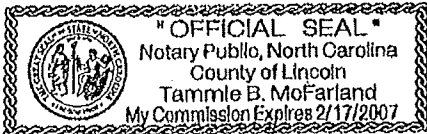
Attachment - Schedule A: Listing - U.S. and Canadian Patents

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

STATE OF North Carolina

COUNTY OF Catawba

On this 24 day of January, 2003 personally appeared before me R. Tony Tripeny, to me known and known to me to be the Senior VP of Finance and CFO of Corning Cable Systems, LLC, the Assignor above named, and acknowledged that he executed the foregoing assignment on behalf of said Assignor and pursuant to authority duly received.



Tammie B. McFarland
Notary Public in and for
the State of North Carolina

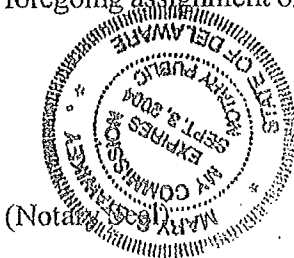
(Notary Seal)

My Commission Expires: 2-17-2007

STATE OF DELAWARE

COUNTY OF New Castle

On this 28th day of JANUARY, 2003 personally appeared before me David -C. Eppes to me known and known to me to be the President of CCS Technology, Inc., the Assignee above named, and acknowledged that he executed the foregoing assignment on behalf of said Assignee and pursuant to authority duly received.



Mary S. Stawikey
Notary Public in and for
the State of DELAWARE

My Commission Expires: 9/3/2004

Patent Assignment CCSLLC to CCSTI

-2-

MARY S. STAWIKEY, NOTARY PUBLIC
State of Delaware, New Castle County
Commission No. 200044067
My Commission Expires 9/3/2004

Title	Country	Patent No.	Patent Date
Fiber Optic Cable Reversal Point Marking Process And A Marking Device For USAe Therewith	USA	5904037	18-May-1999
Gas Tube Protector With Sneak Current Protection	USA	5909349	01-Jun-1999
Composite Cable	USA	5917977	29-Jun-1999
Buffered Optical Fiber Having Improved Low Temperature Performance And Strlpability (As Amended)	USA	5917978	29-Jun-1999
Optical Cable And A Component Thereof	USA	5920672	06-Jul-1999
A Fiber Optic Connector And An Associated Method Of Fabrication	USA	5923804	13-Jul-1999
Fiber Optic Cable	USA	5930431	27-Jul-1999
Fiber Optic Ribbon Interconnect Cable	USA	5966489	12-Oct-1999
Fiber Organizer	USA	5987207	16-Nov-1999
Machine For USAe In The Manufacture Of Fiber Optic Cable	USA	5983617	16-Nov-1999
Surge Protector And Lead Assembly With Improved Contact Surface Area Between The Protector And Lead	USA	5999393	07-Dec-1999
Optical Fiber Interconnection Closure Having A Fiber Management Frame	USA	6014490	11-Jan-2000
Fiber Optic Cable	USA	6014487	11-Jan-2000
Balanced Wire Connector	USA	6025982	15-Feb-2000
Xdsl Splitter Interconnect Module For Network Interface Device	USA	6026160	15-Feb-2000
Flame Retardant Polymer Compositlons	USA	6025422	15-Feb-2000
A Fiber Optic Connector And An Associated Method Of Fabrication	USA	6030129	29-Feb-2000
Fiber Optic Interconnection Enclosure Having A Forced Air System	USA	6044193	28-Mar-2000
Fiber Optic Cable Wall Mount HoUSAing	USA	D422265	04-Apr-2000
Access Door For Fiber Optic Wall Mount Box	USA	D422564	11-Apr-2000
Composite Fiber Optic Cable	USA	6049647	11-Apr-2000
Ribbon Separation Tool And Method For Separating An Optical Fiber Ribbon	USA	6053085	25-Apr-2000
Communications Cable Tube	USA	6057018	02-May-2000
Optical Fiber Cable With Intermingled Water Blocking Means And Method Of Making Same	Canada	2054065	09-May-2000
ApparatUSA And Method For Interconnecting Fiber Cables	USA	6061492	09-May-2000
Method And ApparatUSA For Guiding Fibers Or Ribbons Under Tension	USA	6059224	09-May-2000
Optical Fiber Ribbon Printing For Controlled Delta Attenuation	USA	6064789	16-May-2000
ApparatUSA And Method For Making A Grooved Spacer For Telecommunications Cable	USA	6066798	23-May-2000
Splice HoUSAing Assembly And Associated Method For Mechanically Decoupling A Ferrule From A Splice Body	USA	6068410	30-May-2000
Guide Block Assembly And Method For Aligning Bore Forming Pins During Molding Of Multi-Fiber Optical Connector Ferrules	USA	6071442	06-Jun-2000
Method And ApparatUSA For Connectorizing Fiber Optic Cables	USA	6072932	06-Jun-2000
Strain Relief Device For Plurality Of Optical Ribbon Fibers	USA	6078718	20-Jun-2000
Fiber Optic Cable With Ripcord	USA	6088499	11-Jul-2000
Polishing Method For Preferentially Etchlng A Ferrule And Ferrule Assembly	USA	6106368	22-Aug-2000

Title	Country	Patent No.	Patent Date
Splice HoUSAe Subassembly And Associated Connector	USA	6120193	19-Sep-2000
Fiber Optic Cable With Flame Inhibiting Capability	USA	6122424	19-Sep-2000
Fiber Optic Cable Wall Mount HoUSAIng	USA	D431532	03-Oct-2000
Fiber Optic Connector Sleeve Having Positioning Ribs	USA	6130977	10-Oct-2000
Indoor Xdsl Splitter Assembly	USA	6137866	24-Oct-2000
Fiber Optic Cable For Installation In A Cable Passageway And Methods And An Apparatus For Producing The Same	USA	6160940	12-Dec-2000
Plenum Rated Fiber Optic Cable	USA	6167178	26-Dec-2000
A Field Installable Multifiber Connector	USA	6173097	09-Jan-2001
Apparatus And Method For Making A Grooved Spacer For Telecommunications Cable	USA	6171526	09-Jan-2001
Resettable Fast Current Limiter In Telecommunications Protection	USA	6178080	23-Jan-2001
Interbay Fiber Optic Storage Unit	USA	6181862	30-Jan-2001
Optical Fiber Ribbon Fan-Out Cables	USA	6185352	06-Feb-2001
Apparatuses And Methods For USAe In The Making Of A Self-Supporting Fiber Optic Cable	USA	6188821	13-Feb-2001
Self-Supporting Fiber Optic Cable And An Apparatus And Methods For Making The Same	USA	6188822	13-Feb-2001
Fiber Optic Cable Having A Component With An Absorptive Polymer Coating And A Method Of Making The Cable	USA	6195486	27-Feb-2001
Fiber Optic Cable Wall Mount HoUSAIng	USA	6201920	13-Mar-2001
Alignment Sleeve For Aligning Ferrules And Associated Assembly Method	USA	6210045	03-Apr-2001
Guide Block Assembly And Method For Aligning Bore Forming Pins During Molding Of Multi-Fiber Optical Connector Ferrules	USA	6213750	10-Apr-2001
Electronics Jumper Management Assembly	USA	6215064	10-Apr-2001
Retractable Cable Reel	USA	6215064	24-Apr-2001
In-Jack Shunt Connections And Methods Therefor	USA	6238250	29-May-2001
Wall Mount HoUSAIng	USA	D443252	05-Jun-2001
Reel Monitor Devices And Methods Of USAIng The Same	USA	6247664	19-Jun-2001
Fiber Optic Cable Unit	USA	6249628	19-Jun-2001
Robust Fiber Optic Cables	USA	6249629	19-Jun-2001
Fiber Optic Drop Cable	USA	6256438	03-Jul-2001
Cable Strain Relief Bracket	USA	6262373	17-Jul-2001
Movable Bracket For Holding Internal Components Of An Optical Fiber Interconnection Closure During Servicing And Associated Method	USA	6292614	18-Sep-2001
Fiber Optic Cable Marking Process And A Sensor Device For USAe Therewith	USA	6293081	25-Sep-2001
Optical Fiber Ribbon Cables	USA	6295401	25-Sep-2001
Fiber Optic Cable With Flame Inhibiting Capability	USA	6301413	09-Oct-2001
Fiber Optic Cable Having A Component With An Absorptive Polymer Coating And A Method Of Making The Cable	USA	6304699	16-Oct-2001
Dry Fiber Optic Cable	USA	6304701	16-Oct-2001
Modular Idc Terminal	USA	6299475	19-Oct-2001
Network Interface Device	USA	D449824	30-Oct-2001
Coaxial FUSAe And Protector	USA	6317307	13-Nov-2001
Front Access Clip	USA	6325335	04-Dec-2001

Title	Country	Patent No	Patent Date
Apparatus And Method For Interconnecting Fiber Cables	USA	6327414	04-Dec-2001
Optical Fiber Ribbon Cables With Controlled Bending Behavior	USA	6332052	18-Dec-2001
Composite Fiber Optic/Coaxial Electrical Cables	USA	6343172	29-Jan-2002
Packaged Solid State Primary Surge Protector	Canada	2015967	19-Feb-2002
Multifiber Ferrule Defining Alignment Holes Having A Tapered Lead-In Portion	USA	6350062	26-Feb-2002
Panel For Managing Jumper Storage	USA	6353696	05-Mar-2002
Splice Closure	USA	6359228	19-Mar-2002
Optical Article Printing For Controlled Attenuation	USA	6360044	19-Mar-2002
Composite Cable Units	USA	6363192	26-Mar-2002
Communication Cable Containing Novel Filling Material In Buffer Tube	USA	6374023	16-Apr-2002
A Field Installable Multifiber Connector	USA	6379054	30-Apr-2002
Fiber Optic Cables With Strength Members And Methods Of Making The Same	USA	6389204	14-May-2002
Optical Fiber Ribbon Twisting Device And System For Use In The Manufacture Of Fiber Optic Cable Components	USA	6389787	21-May-2002
Optical Fiber Breakaway Apparatus And Method	USA	6396993	28-May-2002
Fiber Optic Cable Having A Strength Member	USA	6400873	04-Jun-2002
Optical Fiber Interconnection Closures	USA	6411767	25-Jun-2002
Fiber Optic Connector DUSAT Cap	USA	6459318	25-Jun-2002
Reel Monitor Devices And Methods Of Making The Same	USA	6409117	25-Jun-2002
Ferrule And Fiber Optic Connector Having Enlarged Shoulders	USA	6412988	02-Jul-2002
Cleaning Mechanism For Fiber Optic Connectors	USA	6415471	09-Jul-2002
Ferrule For Facilitating Fiber-To-Fiber Contact And Associated Fabrication Method	USA	6416236	09-Jul-2002
Overvoltage Protector	USA	6421218	16-Jul-2002
Balanced Wire Connector	USA	6421219	16-Jul-2002
Drop Cable Strain Relief	USA	6421494	16-Jul-2002
Retaining Hook Assembly For Outlet Cover	USA	6422898	23-Jul-2002
Fiber Optic Cable Product And Associated Fabrication Method And Apparatus	USA	6424772	23-Jul-2002
Phone Line Splitter Assembly	USA	6430288	06-Aug-2002
Fiber Optic Closure With Couplers And Splice Tray	USA	6434313	13-Aug-2002
Xdsl Splitter Assembly For Main Distribution Frame	USA	6438226	20-Aug-2002
Field-Installable Fiber Optic Ribbon Connector And Installation Tool	USA	6439780	27-Aug-2002
Fiber Optic Ribbon Interconnect Cable	USA	6449412	10-Sep-2002
Wall Mountable Mixed Media Outlet	USA	6457874	01-Oct-2002
Micro Composite Fiber Optic/Electrical Cables	USA	6463198	08-Oct-2002
Fiber Optic Cables With At Least One Water Blocking Zone	USA	6463199	08-Oct-2002
Graduated Routing Partition	USA	6464310	15-Oct-2002
Gas Tube Surge Protector With Interacting Varistors	Canada	2239258	29-Oct-2002
Fiber Management Frame Having Movable Work Platform	USA	6483977	19-Nov-2002
Ferrule And Fiber Optic Connector Having Enlarged Shoulders	USA	6485195	26-Nov-2002
Faceplate For Wall-Mount Distributed Filter Housing	USA	6465991	26-Nov-2002
Indoor/Outdoor Optical Cables	USA	6487347	26-Nov-2002
Gating System For High Precision Molding	USA	6488413	03-Dec-2002

Title	Country	Patent No.	Patent Date
Optical Fiber Interconnection Closures	USA	6493501	10-Dec-2002
Splice Closure With Removable And Pivotal Splice Trays, And Associated Methods	USA	6496640	17-Dec-2002
Oval Modular Furniture Wall Plate	USA	D423911	02-May-2000
Receptacle Having a Rotatable Coupling Nut for Engaging a Fiber Optic Connector Assembly	USA	5920669	06-Jul-1999
Optical Fiber Coupling/Connector Element	Canada	2060424	07-Dec-1999
Network Access Terminal	USA	6383034	07-May-2002
Fiber Optic Cable	USA	6101305	08-Aug-2000
Connector Sleeve Assembly and Panel for Optical Distribution Frames	USA	6227718	08-May-2001
Radiation Marking of Fiber Optic Cable Components	USA	6370304	09-Apr-2002
Optic Fiber Arrays	USA	6370305	09-Apr-2002
Face Plate	USA	D455331	09-Apr-2002
Coaxial FUSAE and Protector	USA	6492894	10-Dec-2002
Strengthened Fiber Optic Cable	USA	6259844	10-Jul-2001
Self-Supporting Fiber Optic Cable	USA	6356690	12-Mar-2002
Cable Enclosure	USA	D415118	12-Oct-1999
Optical Transmission Element, Process as Well as Device for Its Manufacture	USA	6434305	13-Aug-2002
Flexible Connector Assembly Having Slack Storage	USA	5923802	13-Jul-1999
Modular Idc Terminal	USA	6315595	13-Nov-2001
Apparatus and Method for Splitting Optical Fibers	USA	6466725	15-Oct-2002
Adapter Assembly for Precise Alignment of Fiber Optic Connectors	USA	5940561	17-Aug-1999
Fiber Optic Cable Guide	USA	6134370	17-Oct-2000
Ribbon Optical Cable Having Improved Strength	USA	6052502	18-Apr-2000
Fiber Optic Protective Member with Removable Section to Facilitate Separation Thereof	USA	5970196	19-Oct-1999
Fiber Optic Connector Cabinet with Rotatably Mounted Adapter Panels	USA	5969294	19-Oct-1999
Fiber Optic Cable with Profiled Group of Optical Fibers	USA	6192178	20-Feb-2001
Gender Selectable Fiber Optic Connector and Associated Fabrication Method	USA	6149313	21-Nov-2000
Telecommunications Protector Panel and Connector Assembly	USA	6151392	21-Nov-2000
Radiation Marking of Fiber Optic Cable Components	USA	6470121	22-Oct-2002
Insulation Displacement Connector for Parallel Wire Insertion	USA	6468103	22-Oct-2002
Termination Block for Optical Fiber Cables	USA	6307997	23-Oct-2001
Photoinitiator - Tuned Optical Fiber and Optical Fiber Ribbon and Method for Making the Same	USA	6018605	25-Jan-2000
Optic Fiber Arrays	USA	6253013	26-Jun-2001
Fiber Optic Connector and Connector Sleeve Assembly	USA	5971626	26-Oct-1999
Removably Mounted Fiber Optic Connector and Associated Adapter	USA	6379052	30-Apr-2002
Splice Closure With Removable And Pivotal Splice Trays, and Associated Methods	USA	6499887	31-Dec-2002
Top Loading Customer Bridge	USA	6500020	31-Dec-2002
Electrical or Optical Cable With An Imprint On The Cable Cladding	USA	6498301	24-Dec-2002
Optical Fiber Ribbon Winding Apparatus And Method	USA	6499688	31-Dec-2002
Fiber Optic Cables With Strength Members And Methods Of Making The Same	USA	6501888	31-Dec-2002

Schedule A
U.S and Canadian Patents

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

Title	Country	Patent No.	Patent Date
Fiber Optic Cable Having Water Blocking And Flame Retardant Properties	USA	6501887	31-Dec-2002