505199322 11/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5246091

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOACHIM RUDOLF BEIER	10/26/2018
WOLF PETER KLUWE	10/29/2018
JÜRGEN MATTHIES	10/26/2018
GORDON MUELLER-SCHLOMKA	10/26/2018
MARTIN SCHULTE	10/30/2018
MICHAEL WIMMER	10/30/2018

RECEIVING PARTY DATA

Name:	CORNING OPTICAL COMMUNICATIONS LLC
Street Address:	800 17TH STREET NW
City:	HICKORY
State/Country:	NORTH CAROLINA
Postal Code:	28601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15591687

CORRESPONDENCE DATA

Fax Number: (828)901-5206

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.

Phone: 828-901-6730

Email: maurermd2@corning.com

CORNING OPTICAL COMMUNICATIONS LLC **Correspondent Name:** INTELLECTUAL PROPERTY DEPARTMENT Address Line 1:

Address Line 2: SP-TI-03-1

Address Line 4: CORNING, NEW YORK 14831

ATTORNEY DOCKET NUMBER:	HI14-128
NAME OF SUBMITTER:	MICHEL D. MAURER
SIGNATURE:	/Michel D. Maurer/
DATE SIGNED:	11/20/2018

Total Attachments: 5

source=20181119_HI14-128_US_Signed_Assignment#page1.tif source=20181119_HI14-128_US_Signed_Assignment#page2.tif source=20181119_HI14-128_US_Signed_Assignment#page3.tif source=20181119_HI14-128_US_Signed_Assignment#page4.tif source=20181119_HI14-128_US_Signed_Assignment#page5.tif

U.S. Attorney Docket No.: HI14-128

ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto CORNING OPTICAL COMMUNICATIONS 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 ADAPTOR FOR MOUNTING TO A RECEPTACLE TO OPTICALLY COUPLE CONNECTORIZED OPTICAL CABLES, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE	10-26-2018	
DATE	10-29-2018	
DATE	10-26-2018	
DATE	10-26-2018	
DATE	10-30-2018	
DATE	10-30-2018	

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	
10/26/2018	Local D
Date	Joachim Rudolf Beier
<u> 24 10 2018</u> Date	Wolf Peter Kluwe
	J. M. J. Marthies
ZL.10. 11 G	41-11L
Date	Gordon Mueller/Schlomka
30-70-7018	Ch. YuD
Date	Martin Schulte
30.10.2018	M. Cim
Date	Michael Wimmer
On the 26th day of October 20 described in and who executed the forego	18, before me personally came Joachim Rudolf Beier known to be the person bing instrument, and acknowledged that they executed the same. Witneys
On the 1914 day of 1915 and who executed the forego	1018, before me personally came Wolf Peter Kluwe known to be the person bing instrument, and acknowledged that they executed the same. Witness
On the 25 day of 0ct 201 in and who executed the foregoing instru	8, before me personally came Jürgen Matthies known to be the person described ment, and acknowledged that they executed the same. Witness

U.S. Attorney Docket No.: HI14-128

On the 264 day of October 2018, before me personal person described in and who executed the foregoing instrument, a	dly came Gordon Mueller-Schlomka known to be the and acknowledged that they executed the same. Witness J. Marthies
	Witness J. Marthies
On the BOV day of Over 2018, before me personally in and who executed the foregoing instrument, and acknowledged	came Martin Schulte known to be the person described that they executed the same. YU Witness
On the 3044 day of 2664 2018, before me person described in and who executed the foregoing instrument, and acknowledges	

State of North Carolina Department of the Secretary of State

SOSID: 0443538 Date Filed: 6/30/2017 2:26:00 PM Elaine F. Marshall North Carolina Secretary of State

C2017 181 00284

ARTICLES OF MERGER

Pursuant to North Carolina General Statute Sections 55-11-05(a), 55A-11-09(d), 55A-11-04, 57D-9-42, 59-73.32(a) and 59-1072(a), as applicable, the undersigned entity does hereby submit the following Articles of Merger as the surviving business entity in a merger between two or more business entities.

1.	The name of the surviving entity is Corning Optical Communications LLC, a (check one) Corporation, Corporatio
	□ corporation, □ nonprofit corporation, □ professional corporation, □ limited liability company, □ limited partnership, □ partnership, □ limited liability partnership organized under the laws of
	North Carolina (state or country).
2.	The address of the surviving entity is:
	Street Address 800 17th Street City Hickory
	Street Address 800 17th Street City Hickory State North Carolina Zip Code 28601-3336 County Catawba
	(a) (Complete only if the surviving business entity is a foreign business entity that is not authorized to transact business or conduct affairs in North Carolina.) The mailing address of the surviving foreign business entity is:
	Street Address City
	State Zip Code County
	The Surviving foreign business entity will file a statement of any subsequent change in its mailing address with the North Carolina Secretary of State.
3.	For each merging entity: (if more than one, complete on separate sheet and attach.) SEE ADD'L SHEE
	The name of the merged entity is CCS Technology, Inc.
	Delaware (state or country).
	The mailing address of each merging entity is: (if more than one, complete on separate sheet and attach) Street Address 103 Foulk Road, Suite 278-T City Wilmington
	State Delaware Zip Code 19803 County New Castle
4.	If the surviving business entity is a <u>domestic</u> business entity, the text of each amendment, if any, to the Articles of Incorporation, Articles of Organization, or Certificate of Limited Partnership within

the Plan of Merger is attached.

CORPORATIONS DIVISION (Revised January 2014)

P. O. BOX 29622

RALEIGH, NC 27626-0622 (Form BE-15)

5. A Plan of Merger has been duly approved in the manner required by law by each of the business entities participating in the merger.

6.	These articles	will be	effective u	pon filing	unless a c	delayed date	and/or tim	e is specified	11:59 pm (EDT
----	----------------	---------	-------------	------------	------------	--------------	------------	----------------	---------------

This the 30th day of June

CORNING OPTICAL COMMUNICATIONS LLC

Name of Entity

Michael A. Bell, Senior Vice President & GM

Type or Print Name and Title

NOTES:

- Filing fee is \$50 for For-profit entities,
 Filing fee is \$25 for Non-profit entities.
 This document must be filed with the Secretary of State. Certificate(s) of Merger must be registered pursuant to the requirements of N.C.G.S. Section 47-18.1

CORPORATIONS DIVISION (Revised January 2014)

P. O. BOX 29622

RALEIGH, NC 27626-0622 (Form BE-15)

PATENT REEL: 047553 FRAME: 0414

RECORDED: 11/20/2018