503791523 04/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3838170

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| DOUGLAS LLEWELLYN BUTLER | 04/18/2016 |
| ANDREAS MATISS | 04/20/2016 |
| ERIC STEPHAN TEN HAVE | 04/20/2016 |

RECEIVING PARTY DATA

| Name: | CCS TECHNOLOGY, INC. |
|-----------------|----------------------------|
| Street Address: | 103 FOULK RD., SUITE 278-T |
| City: | WILMINGTON |
| State/Country: | DELAWARE |
| Postal Code: | 19803 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15099682 |

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) 901-6775

Email: HIRTEW@CORNING.COM

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

Address Line 2: SP-TI-03-1

Address Line 4: CORNING, NEW YORK 14831

| ATTORNEY DOCKET NUMBER: | HI13-141 |
|-------------------------|---------------------------|
| NAME OF SUBMITTER: | MICHAEL E. CARROLL, JR. |
| SIGNATURE: | /Michael E. Carroll, Jr./ |
| DATE SIGNED: | 04/20/2016 |

Total Attachments: 3

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PATENT 503791523 REEL: 038331 FRAME: 0733

U.S. Attorney Docket No.: HI13-141

ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto CCS Technology, Inc., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at Wilmington, Delaware, (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 MULTI-CORE OPTICAL FIBER, such inventions being generally described in an application for Letters Patent of the United States executed on

| DATE | 04/18/2016 |
|------|------------|
| DATE | 04/20/2016 |
| DATE | 04/20/2016 |

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.

Revised: October 1, 2012

U.S. Attorney Docket No.: H113-141

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 | |
|--|---|
| 18 Apr 2016 | Dayla Diwellyn, Litte |
| Date | Douglas Llewellyn Butler |
| Date | Andreas Matiss |
| Date | Eric Stephan ten Have |
| State of New York) Ss. County of Steuben) On the May of May o | 2016, before me personally came Douglas Liewellyn Butler known to be the |
| person described in and who executed | the foregoing instrument, and acknowledged that they executed the same. Notary Public |
| | DIANNA L. GREEN Notary Public, State of NY Steuben Co., No. 01GR6061934 Commission Exp. July 23, 20 17 |
| | |
| On the day of described in and who executed the for | 2016, before me personally came Andreas Matiss known to be the person egoing instrument, and acknowledged that they executed the same. |
| | Witness |
| On the day of person described in and who executed | 2016, before me personally came Eric Stephan ten Have known to be the the foregoing instrument, and acknowledged that they executed the same. |
| | Witness |

U.S. Attorney Docket No.: HI13-141

convey the same as herein expressed. Signed this Douglas Llewellyn Butler Andreas Matiss State of New York County of Steuben 2016, before me personally came Douglas Liewellyn Butler known to be the On the day of person described in and who executed the foregoing instrument, and acknowledged that they executed the same. Notary Public On the 20 day of April 2016, before me personally came Andreas Matiss known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same. On the 20 day of Agrid 2016, before me personally came Eric Stephan ten Have known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

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

Revised: October 1, 2012

RECORDED: 04/20/2016