

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Catherine Genevieve Caneau</td> <td>03/12/2013</td> </tr> <tr> <td>Feng Xie</td> <td>03/12/2013</td> </tr> <tr> <td>Chung-En Zah</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Catherine Genevieve Caneau	03/12/2013	Feng Xie	03/12/2013	Chung-En Zah	03/12/2013
Name	Execution Date								
Catherine Genevieve Caneau	03/12/2013								
Feng Xie	03/12/2013								
Chung-En Zah	03/12/2013								
RECEIVING PARTY DATA									
Name:	Corning Incorporated								
Street Address:	SP-TI-03								
City:	Corning								
State/Country:	NEW YORK								
Postal Code:	14831								
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>13799592</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13799592				
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Application Number:	13799592								
CORRESPONDENCE DATA									
Fax Number:	6079743848								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	607-974-0916								
Email:	gerowll@corning.com								
Correspondent Name:	CORNING INCORPORATED								
Address Line 1:	SP-TI-3-1								
Address Line 4:	CORNING, NEW YORK 14831								
ATTORNEY DOCKET NUMBER:	SP12-074								
NAME OF SUBMITTER:	Jason A. Barron								
Total Attachments: 2 source=20130313_SP12-074_US_Assignment#page1.tif source=20130313_SP12-074_US_Assignment#page2.tif									

CH \$40.00 13799592

PATENT

ASSIGNMENT

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto Corning Incorporated, a corporation organized and existing under the laws of the State of New York, having its principal place of business at Corning, New York, (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 **WAVEGUIDE STRUCTURE FOR MID-IR MULTIWAVELENGTH CONCATENATED DISTRIBUTED-FEEDBACK LASER WITH AN ACTIVE CORE MADE OF CASCADED STAGES**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 3/12/13
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DATE 3/12/13

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 at Corning, NY, this

8/12/2013
Date

Catherine Caneau
Catherine Genevieve Caneau

3/12/2013
Date

[Signature]
Feng Xie

03/12/2013
Date

[Signature]
Chung-En Zah

State of New York)
: ss.
County of Steuben)

On the 12th day of March 2013, before me personally came Catherine Genevieve Caneau known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

[Signature]
Notary Public
LORI L GEROW
Notary Public, State of New York
01GEG215587
Qualified in Steuben County
My Commission Expires January 4, 2014

State of New York)
: ss.
County of Steuben)

On the 12th day of March 2013, before me personally came Feng Xie known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

[Signature]
Notary Public
LORI L GEROW
Notary Public, State of New York
01GEG215587
Qualified in Steuben County
My Commission Expires January 4, 2014

State of New York)
: ss.
County of Steuben)

On the 12th day of March 2013, before me personally came Chung-En Zah known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

[Signature]
Notary Public
LORI L GEROW
Notary Public, State of New York
01GEG215587
Qualified in Steuben County
My Commission Expires January 4, 2014

Revised: January 24, 2013