U.S. PTO 11/731633 03/30/2007

Case Name: SP07-060

| | To the Hon. | 103395043 | NI COVER SHEE marks: Please record the attache | | |
|-----|--|--|--|---|--|
| (1) | Conveying Party(| | Dabich II, Michael Thom on Hoover, Karl William | as Gallagher, Daniel Warren Koch III | |
| | | ERENTIAL ETCHING ME PTICAL WAVEGUIDE | THOD OF FORMING A | A MICROSTRUCTURE FOR | |
| | Additional name | (s) of conveying party(ies) a | attached? Yes No | \boxtimes | |
| (2) | Receiving Party: | Corning Incorporated Patent Dept.; SP-TI-03-1 Corning, NY 14831 | | | |
| (3) | Nature of conveyance: Assignment executed: March 30, 2007; March 28, 2007; March 27, 2007; March 28, 2007; March 28, 2007. | | | | |
| (4) | Application number(s) and/or patent number(s) against which this assignment is to be recorded: | | | | |
| | A. Patent Applic Filing date: | cation No.(s): | B. Patent No.(s): Filing date: | 11/731633 | |
| | If this document is being filed together with a new application, this assignment is also to be recorded against said application, executed on | | | | |
| (5) | Name and address of party to whom correspondence concerning document should be mailed: | | | | |
| | Reg. N Cornir Patent SP-TI- Cornir | na Z. Short No. 34,432 ng Incorporated Department -03-1 ng, NY 14831 No.: 607-974-0412 | | | |
| (6) | Total Number of | applications and/or patents i | involved: one | es Es | |
| (7) | Includ | sed (Check No.) | o ncorporated to charge de | posit account sumber 03-3325 | |
| | To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | | | |
| | Suft | ana SM | Name of the Control o | 3-35-2007 | |
| | Svetlana Z. Short Total number of p | pages comprising cover shee | et: <u>4</u> | Date 04/13/2007 MJ | |

PATENT REEL: 019190 FRAME: 0479

Attorney Docket No.: SP07-060

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 PREFERENTIAL ETCHING METHOD OF FORMING A MICROSTRUCTURE FOR AN OPTICAL WAVEGUIDE, such inventions being generally described in an application for Letters Patent of the United States executed on

| DATE | March 30, 2007 |
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| DATE | March 28, 2007 |
| DATE | March 27, 2007 |
| DATE | March 28, 2007 |
| DATE | March 28, 2007 |
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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.

PATENT REEL: 019190 FRAME: 0480 Signed at Corning, NY, this Date -28-07 Date Date State of New York) County of Steuben) On the 201 day of March 2007, before me personally came Leonard Charles Dabich II known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same. Notary Public, State of New York State of New York) Qualified in Steuben County No. 01DA6146735 My Commission Expires May 22, 2010 County of Steuben) On the <u>29th</u> day of <u>March</u> 2007, before me personally came Michael Thomas Gallagher known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same. Notary Public Betty L. Davis Notary Public, State of New York State of New York) Qualified in Stauben County No. 01DA6146735 My Commission Expires May 22, 2010 County of Steuben) L 2007, before me personally came Daniel Warren Hawtof known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same. Notary Public

Betty L. Davis
Notary Public, State of New York
Qualified in Steuben County No. 01DA6146735

My Commission Expires May 22, 2010

REEL: 019190 FRAME: 0481

(U.S. Regular Application)

Attorney Docket No.: SP07-060

State of New York)

: ss. County of Steuben)

On the 38th day of March 2007, before me personally came Brett Jason Hoover known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

State of New York)

: ss. County of Steuben)

RECORDED: 03/30/2007

Betty L. Davis Notary Public, State of New York Qualified in Stauben County No. 01DA6146735 My Commission Expires May 22, <u>2010</u>

Narch 2007, before me personally came Karl William Koch III known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

> Notary Public Betty L Davis

Notary Public, State of New York

Qualified in Steuben County No. 01DA6146735 My Commission Expires May 22, 2010

PATENT

REEL: 019190 FRAME: 0482