

2.15.00

PATENT



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof.

(1) Conveying Party(ies): Kirk P. Bumgarner, Michael T. Murphy and Daniel Fuccella

Title: OPTICAL WAVEGUIDE SPOOL

Additional name(s) of conveying party(ies) attached? Yes No

(2) Receiving Party: Corning Incorporated
Patent Dept.; SP-TI-3
Corning, NY 14831

(3) Nature of conveyance: Assignment executed: February 7, 2000, January 28, 2000 and February 7, 2000.

(4) Application number(s) and/or patent number(s) against which this assignment is to be recorded:

A. Patent Application No.(s): 29/113,759
Filing date: November 10, 1999

B. Patent No.(s):
Filing date:

(5) Name and address of party to whom correspondence concerning document should be mailed:

Name: Silvy A. Murphy
Reg. No. 44,959
Corning Incorporated
Patent Department
SP-TI-3
Corning, NY 14831
Phone No.: (607) 974-3669

(6) Total Number of applications and/or patents involved: one

(7) Total Fee = \$40.00 €

Enclosed (Check No.)

Included with filing fee. Check No. _____

Authorization given by Corning Incorporated to charge deposit account number 03-3325
(attached is a triplicate copy of this page)

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.

Silvy A. Murphy

2-9-00
Date

Total number of pages comprising cover sheet: three

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PATENT

ASSIGNMENT

FOR VALUE RECEIVED, WE, **Kirk P. Bumgarner, residing at 1409 Middle Sound Loop Road, Wilmington, N.C. and Michael T. Murphy, residing at 129 Northeast 29th Street, Long Beach, N.C. and Daniel Fuccella, residing at** , 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 **OPTICAL WAVEGUIDE SPOOL**, such inventions being generally described in an application for Letters Patent of the United States executed by us on the

DATE February 7, 2000

DATE January 28, 2000

DATE February 7, 2000

respectively, 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.

WE 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.

WE agree that, when requested, we 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.

WE 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 from us.

WE 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.

WE 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 we have full right to convey the same as herein expressed.

2/7

~~1999~~
2000

Kirk P. Bumgarner
Kirk P. Bumgarner

1/28

~~1999~~
2000

Daniel C. Fuccella
Daniel Fuccella

2-17

~~1999~~
2000

Michael T. Murphy
Michael T. Murphy

State of North Carolina)

: ss.

County of New Hanover

On the 7th day of February, ~~1999~~²⁰⁰⁰, before me personally came **Kirk P. Bumgarner** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Kay A. Lee
Notary Public

State of North Carolina)

: ss.

County of Wake

On the 28 day of Jan, ~~1999~~²⁰⁰⁰, before me personally came **Daniel Fuccella** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Janet E. Perry
Notary Public

State of North Carolina)

: ss.

County of New Hanover

On the 7th day of February, ~~1999~~²⁰⁰⁰, before me personally came **Michael T. Murphy** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Kay A. Lee
Notary Public