



08-28-2002

PATI



Case Name: SP02-011

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d documents or copy thereof.

102202953

- (1) Conveying Party(ies): Adam J Ellison  
John D Minelly  
Bryce N Samson  
Nicholas J Traynor  
Donnell T Walton

8-19-02

Title: THULIUM DOPED FIBER PUMP FOR PUMPING RAMAN AMPLIFIERS

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

- (2) Receiving Party: Corning Incorporated  
Patent Dept.; SP-TI-03-1  
Corning, NY 14831

- (3) Nature of conveyance: Assignment executed: June 4, 2002; June 4, 2002; May 31, 2002; July 11, 2002; June 6, 2002

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

A. Patent Application No.(s): 10/159,173 B. Patent No.(s):  
Filing date: 5/31/02 Filing date:

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:

Name: Svetlana Short  
Reg. No. 34,432  
Corning Incorporated  
Patent Department  
SP-TI-03-1  
Corning, NY 14831  
Phone No.: (607) 974-0412

- (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.

Svetlana Short  
Svetlana Short

8/19/02  
Date

Total number of pages comprising cover sheet: 5

08/27/2002 TDIAZ 00000195 033325 10159173  
01 FC:581 40.00 CH

PATENT  
REEL: 013219 FRAME: 0125

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 **THULIUM DOPED FIBER PUMP FOR PUMPING RAMAN AMPLIFIERS**, such inventions being generally described in an application for Letters Patent of the United States executed on

<i>DATE</i>	6/4/02
<i>DATE</i>	6/4/02
<i>DATE</i>	5/31/02
<i>DATE</i>	7/11/02
<i>DATE</i>	6/6/02

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

Date 6/4/02

Adam J Ellison  
Adam J Ellison

Date 6/4/02

John D Minelly  
John D Minelly

Date 5/31/2002

Bryce N Samson  
Bryce N Samson

Date

Date

Nicholas J Traynor  
Nicholas J Traynor

Date 6/6/02

Donnell T Walton  
Donnell T Walton

State of New York)

: ss.

County of Steuben)

On the 4<sup>th</sup> day of June 2002, before me personally came **Adam J Ellison** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters

Notary Public

CHRISTINE F. WATTERS

Notary Public, State of New York

Qualified in Steuben County No. 4945322

My Commission Expires December 19, 20 02

State of New York)

: ss.

County of Steuben)

On the 4<sup>th</sup> day of June 2002, before me personally came **John D Minelly** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

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Qualified in Steuben County No. 4945322

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State of New York)

: ss.

County of Steuben)

On the 31<sup>st</sup> day of May 2002, before me personally came **Bryce N Samson** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters

Notary Public

CHRISTINE F. WATTERS

Notary Public, State of New York

Qualified in Steuben County No. 4945322

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State of New York)

: ss.

County of Steuben)

On the \_\_\_\_ day of \_\_\_\_\_ 2002, before me personally came **Nicholas J Traynor** 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)

: ss.

County of Steuben)

On the 6<sup>th</sup> day of June 2002, before me personally came **Donnell T Walton** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

*Terril L. Gustin*  
Notary Public

TERRIL L. GUSTIN  
Notary Public, State of New York  
No. 01GU6064116  
Qualified in Chemung County  
Commission Expires September 17, 2005

Signed, this

7/11/02  
Date

Nicholas J Traynor  
Nicholas J Traynor

On the 11<sup>th</sup> day of July 2002, before me personally came **Nicholas J Traynor** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Witness

[Signature]

## 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 **THULIUM DOPED FIBER PUMP FOR PUMPING RAMAN AMPLIFIERS**, such inventions being generally described in an application for Letters Patent of the United States executed on

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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.

Signed at Corning, NY, this

6/7/02  
Date

Adam J Ellison  
Adam J Ellison

6/14/02  
Date

John D Minelly  
John D Minelly

5/31/2002  
Date

Bryce N Samson  
Bryce N Samson

6/6/02  
Date

Nicholas J Traynor  
Nicholas J Traynor

6/6/02  
Date

Donnell T Walton  
Donnell T Walton

State of New York)

: ss.

County of Steuben)

On the 4<sup>th</sup> day of June 2002, before me personally came **Adam J Ellison** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters

Notary Public  
CHRISTINE F. WATTERS  
Notary Public, State of New York  
Qualified in Steuben County No. 4945322  
My Commission Expires December 19, 20 02

State of New York)

: ss.

County of Steuben)

On the 4<sup>th</sup> day of June 2002, before me personally came **John D Minelly** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters

Notary Public  
CHRISTINE F. WATTERS  
Notary Public, State of New York  
Qualified in Steuben County No. 4945322  
My Commission Expires December 19, 20 02

State of New York)

: ss.

County of Steuben)

On the 31<sup>st</sup> day of May 2002, before me personally came **Bryce N Samson** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Christine F. Watters

Notary Public  
CHRISTINE F. WATTERS  
Notary Public, State of New York  
Qualified in Steuben County No. 4945322  
My Commission Expires December 19, 20 02

State of New York)

: ss.

County of Steuben)

On the \_\_\_\_ day of \_\_\_\_\_ 2002, before me personally came **Nicholas J Traynor** 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)

: ss.

County of Steuben)

On the 6<sup>th</sup> day of June 2002, before me personally came **Donnell T Walton** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Terril L Gustin  
Notary Public

TERRIL L GUSTIN  
Notary Public, State of New York  
No. 01GL96064116  
Qualified in Chemung County  
Commission Expires September 17, 2005

Signed, this

7/11/02  
Date

Nicholas J Traynor  
Nicholas J Traynor

On the 11<sup>th</sup> day of July 2002, before me personally came **Nicholas J Traynor** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

[Signature]  
Witness