OVER SHEET

e record the attached documents or copy thereof.

To the Honoral

102449295

MACHEWIRTH DAVID P

5-8-0-3



MOZDY ERIC J MOZDY RACHEL S **NOLAN DANIEL A**

SRIKANT V TEN SERGEY Y

Title: OPTICAL FIBER MODULE HAVING REDUCED MULTI-PATH INTERFERENCE

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

(2) Receiving Party: Corning Incorporated

Patent Dept.; SP-TI-03-1 Corning, NY 14831

- (3) Nature of conveyance: Assignment executed: April 11, 2003; April 30, 2003; May 2, 2003; April 28, 2003; January 16, 2003; April 29, 2003
- (4) Application number(s) and/or patent number(s) against which this assignment is to be recorded:
 - A. Patent Application No.(s): 10/328553 Filing date: 12/19/02

B. Patent No.(s): 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:

Kevin M. Able

Reg. No.52,401 Corning Incorporated Patent Department

SP-TI-03-1

Corning, NY 14831

Phone No.: 607-974-2637

- (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.

Date

Total number of pages comprising cover sheet: 5

05/14/2003 ECOOPER 00000166 033325 10328553

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PATENT

REEL: 014053 FRAME: 0854

5/5/03

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 OPTICAL FIBER MODULE HAVING REDUCED MULTI-PATH INTERFERENCE, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE April 11,2003

DATE April 30,2003

DATE May 2,2003

DATE April 28,2003

DATE January 16,2003

DATE April 29,2003

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 this	
4/11/63	Daniel P. Markenson
Date	David P. Machewirth

State of Connecticut)

: ss. RAST GRANBY

County of Hartford)

On the 11 day of Capril 2002, before me personally came David P. Machewirth known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

KAREN L. OLIVER
NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 30, 2005

	David P. Macheworth
Date	David F. Macheworth
4/30/03	hand for &
Date	Eric J. Mozdy
5/2/03	Fachel S. Made
Date Page	Rachaet S. Mozdy
4/28/03	Ne of a me
Date	Daniel A. Nolan
m. (u) - a	$1/4/\sqrt{2}$
Date Date	V. Srikant
11/20/23	18 1 has 11/2
7/27/02	(4) Millen Ving
Date	Sergey Y. Pen
State of)	
: ss.	
County of)	
On the day of	2002, before me personally came known to be the person described in and who
executed the foregoing instrument, and	i acknowledged that they executed the same.
	New Public
	Notary Public
State of New York)	
: ss. County of Steuben)	
	Eric J. Mozely
On the 30 ⁴⁷ day of April 2000 and the foregoing instrument, and	2003, before me personally came known to be the person described in and who acknowledged that they executed the same.
	D = ID = C
	Notary Public
	DIANA L. SILVERNAII
State of New York) : ss.	Notary Public, State of New York
County of Steuben)	Steuben County No. 01SI4798033 Commission Expires June 30, 2003
on the 2 rul	2002, before me personally came known to be the person described in and who
executed the foregoing instrument, and	acknowledged that they executed the same.
	Cleenter Y Water
	Notary Public

CHRISTINE F. WATTERS

Notary Public, State of New York

Qualified in Steuben County No. 4945322

My Commission Expires December 19, 20

State of New York)	
: ss. County of Steuben)	Daniel A. Nolan
On the 28th day of April 2002, before me pers	onally came known to be the person described in and who
executed the foregoing instrument, and acknowledged that th	Quister 4- Walter
	Notary Public CHRISTINE F. WATTERS
State of TUINOIS) County of Cook)	Notary Public, State of New York Qualified in Steuben County No. 4945322
	My Commission Expires December 19, 20 🕮
On the / day of Janum 2003, before me persence the foregoing instrument, and acknowledged that the	onally came known to be the person described in and who ey executed the same.
	Barbara Spreyel
State of New York)	"OFFICIAL SEAL" Barbara G. Spiegel
: ss. County of Steuben)	Notary Public, State of Illinois My Commission Exp. 07/11/2005
On the day of April 2003, before me person executed the foregoing instrument, and acknowledged that the	onally camea known to be the person described in and who
executed the foregoing histument, and acknowledged that the	Cleister 4 Walter
	Notary Public CHRISTINE F. WATTERS
	Notary Public, State of New York Qualified In Steuben County No. 4945322
	My Commission Expires December 19, 20 06

PATENT

REEL: 014053 FRAME: 0858

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 OPTICAL FIBER MODULE HAVING REDUCED MULTI-PATH INTERFERENCE, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE April 11,2003

DATE April 30,2003

DATE May 2,2003

DATE April 28,2003

DATE January 16,2003

DATE April 29,2003

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 this	
4/11/03	Daniel Machenon
Date	David P. Machewirth

Date

State of Connecticut)

: ss. FAST GRANBY

County of Hartford)

KAR

On the 11 day of Capital 2002, before me personally came David P. Machewirth known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

KAREN L. OLIVER NOTARY PUBLIC MY COMMISSION EXPIRES JUNE 30, 2005

Signed this	
Date	David P. Macheworth
4/30/03	Eric J. Mozdy
Date 5/2/03	\mathcal{L}_{i}
Date	Rachael S. Mozdy Chel
4/28/03	I g he
Date	Daniel A. Nolan
01/16/03	Jackson Jackso
Date // 2	V. Srikant
4/29/0>	My Mignilm
Date	Sergey Y. Yen
State of)	
: ss. County of	
On the day of executed the foregoing instrument, an	2002, before me personally came known to be the person described in and who ad acknowledged that they executed the same.
	Notary Public
State of New York)	
: ss. County of Steuben)	
On the 30th day of April	Eric J. Mozely 2003, before me personally came known to be the person described in and who
executed the foregoing instrument, an	ad acknowledged that they executed the same. Notary Public
	DIANA L. SILVERNAIL

On the day of May 2003, before me personally came known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

State of New York)

County of Steuben)

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

Receive Y Water

Notary Public, State of New York

Steuben County No. 01SI4798033

Commission Expires June 30, 2003

State of New York)	
: ss. County of Steuben)	Daniel A. Nolan
On the April 2002, before me perso executed the foregoing instrument, and acknowledged that the	onally came/known to be the person described in and who by executed the same.
	Custer 4- Walter
	Notary Public CHRISTINE F. WATTERS
State of Tllinois) County of Cook)	Notary Public, State of New York
ss.	Qualified in Steuben County No. 4945322
County of Cook)	My Commission Expires December 19, 20 Ω
On the / day of January 2003, before me perso executed the foregoing instrument, and acknowledged that the	nally came known to be the person described in and who y executed the same.
	Brown Spreyel
State of New York)	"OFFICIAL SEAL" Barbara G. Spiegel
: SS.	Notary Public, State of Illinois
County of Steuben)	My Commission Exp. 07/11/2005
action Action	Sergey 4. Ten nally came, known to be the person described in and who
On theday ofH_/\(\Omega_1\) 2003, before me perso executed the foregoing instrument, and acknowledged that the	
	Cluster J. Walter
	Notary Public CHRISTINE F. WATTERS
	Notary Public, State of New York Qualified in Steuben County No. 4945322
Ň	Ay Commission Expires December 19, 20 <u>66</u>

RECORDED: 05/08/2003

PATENT

REEL: 014053 FRAME: 0862