102636089

u the attached documents or copy thereof.

(1) Conveying Party(ies):

JOHN D. DOWNIE

JAMES M. GROCHOCINSKI

SHIVA KUMAR

Title: DISPERSION MANAGEMENT WITH PHASE CONJUGATION

Additional name(s) of conveying party(ies) attached? Yes

(2) Receiving Party: Corning Incorporated

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

- (3) Nature of conveyance: Assignment executed: 10/02/2003; 10/03/2003; 06/13/2003
- (4) Application number(s) and/or patent number(s) against which this assignment is to be recorded:
 - A. Patent Application No.(s):

Filing date:

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

If this document is being filed together with a new application, this assignment is also to be

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

recorded against said application, executed on 10/02/2003; 10/03/2003; 06/13/2003.

Name: Joseph M. Homa

Reg. No.40,023 Corning Incorporated Patent Department SP-TI-03-1

Corning, NY 14831 Phone No.: 607-974-9061

- (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.

Joseph M. Hor

December 15, 2003

Total number of pages comprising cover sheet: one

Revision: August 28, 2002

00000306 033325 10736821 12/30/2003 DBYRNE

40.00 DA 01 FC:8021

PATENT

REEL: 014826 FRAME: 0272

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 DISPERSION MANAGEMENT WITH PHASE CONJUGATION, such inventions being generally described in an application for Letters Patent of the United States executed on

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	
10/2/03	D. Dowher
Date John D. Dow	0 / /
03.0c+.2003 from	1. Diodorus
Date James M. Gro	ochocinski
06/12/02 Phive K	,
Date Shiva Kumar	
State of New York)	
: ss. County of Steuben)	
On the 2rd day of Orthber 2003, before me p	personally came John D. Downie known to be the person described
in and who executed the foregoing instrument, and ackn	owledged that they executed the same.
	Motary Public Notary Public
State of New York)	DIANA L. SILVERNAIL Notary Public, State of New York
; ss.	Steuben County No. 01SI4798033
County of Steuben)	Commission Expires June 30, 200
On the day of OCTOBE 2003, before me described in and who executed the foregoing instrument	personally came James M. Grochocinski known to be the person
described in and who executed the folegoing institution	, and acknowledged that they executed the same.
	Notary Public
	CHRISTINE F. WATTERS
	Notary Public, State of New York
State of New York) : ss.	Qualified in Steuben County No. 4945322 My Commission Expires December 19, 20
County of Steuben)	My Continuesion Expired 5000 mbot 10; 20
On the 1317 day of 2003, before me p and who executed the foregoing instrument, and acknow	personally came Shiva Kumar known to be the person described in viedged that they executed the same. Liane X Millernaul
	Notary Public

DIANA L. SILVERNAIL
Notary Public, State of New York
Steuben County No. 01SI4798033
Commission Expires June 30, 2003

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 DISPERSION MANAGEMENT WITH PHASE CONJUGATION, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 10-03-2003

DATE 06-13-2003

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 at Corning, NY, this	
10/2/03	The Dowling
Date / John	D. Downie
03.00+.2003	mM. Siodowin
Date James	s M. Grochocinski
06/12/02 Jh	ve K
Date Shive	. Kumar
State of New York)	
: ss. County of Steuben)	
On the 2rd day of Other 2003, befin and who executed the foregoing instrument,	ore me personally came John D. Downie known to be the person described and acknowledged that they executed the same.
	Notary Public
State of New York)	DIANA L. SILVERNAIL Notary Public, State of New York
: ss.	Steuben County No. 01SI4798033
County of Steuben)	Commission Expires June 30, 2001 Fore me personally came James M. Grochocinski known to be the person
On the day of Court 2003, be described in and who executed the foregoing in	efore me personally came James M. Grochocinski known to be the person istrument, and acknowledged that they executed the same.
	Notary Public
	CHRISTINE F. WATTERS
	Notary Public, State of New York Qualified in Steuben County No. 4945322
State of New York) : ss.	My Commission Expires December 19, 20 04
County of Steuben)	
On the 13 ¹⁷ day of 2003, be and who executed the foregoing instrument, an	fore me personally came Shiva Kumar known to be the person described in d acknowledged that they executed the same. Liane Authority Public
	DIANA! SILVEDNAL

RECORDED: 12/15/2003

DIANA L. SILVERNAIL
Notary Public, State of New York
Steuben County No. 01SI4798033
Commission Expires June 30, 2003