

05-01-2001

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jc672 U.S. PTO
09/838140
04/20/01

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. David M. SZUM
- 2. Chander P. CHAWLA
- 3. James R. PETISCE
- 4. John T. VANDEBERG
- 5. George PASTERNAK
- 6. Timothy E. BISHOP
- 7. Paul E. SNOWWHITE
- 8. Edward P. ZAHORA

4.20.01

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DSM N.V.

ADDRESS: Het Overloon 1, 6411 TE Heerlen, THE NETHERLANDS

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: 1) September 8, 1998; 2) through 8) September 4, 1998; 9) September 3, 1998

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

| A. PAT. APP. NO.(S) series code/serial no | M# | 1 st INVENTOR if not in item 1 | B. PATENT NO(S) | M# | 1 st INVENTOR if not in item 1 |
|--|--------|--|-----------------|----|--|
| | 280405 | SZUM et al. | 09838140 | | |

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

| | | |
|------------|------------------|---|
| P 280405 | D807CIPIII-CON 3 | 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 |
| MATTER NO. | CLIENT REF. | UNDER ORDER NO 21028 280405 |
| | | dup. sheet not required CLIENT NO. MATTER NO. |

9.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 3

Attorney: Paul L. Sharer
Reg. No. 36004 Date: April 20, 2001
Atty/Sec: PLS/JRH TEL: (202) 861-3649 FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

4 03/2001 HNDOR 0000028 09838140
02 00:00 40.00 DP

Continuation of item 1 RE

Name of assignor(s)

9. Stephen C. LAPIN

11.

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20.

Please return signed/ recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

Atty. Dkt.

For Inventions made outside USA
executed with or after application
238045 D807CIP/III
M# Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

| | |
|-----------------------|----------------------------------|
| (1) David M. SZUM | (4) John T. VANDEBERG |
| (2) Chander P. CHAWLA | (5) George PASTERNAK |
| (3) James R. PETISCE | [X] x box if continued on page 2 |

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DSM N.V.
Het Overloon 1, 6411, TE Heerlen
THE NETHERLANDS

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

RADIATION-CURABLE OPTICAL GLASS FIBER COATING COMPOSITIONS, COATED OPTICAL GLASS FIBERS AND OPTICAL GLASS FIBER ASSEMBLIES

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE -->
(Complete
line A, B and/or C)

- (A) even date herewith
 (B) on _____
 (C) in U.S. Appln. No. 09 / 035,771 filed March 6, 1998

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --> The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

| INVENTOR(S) | DATE SIGNED | WITNESSES |
|---|------------------|------------------------|
| 1) <u>David M. Szum</u> Name: David M. SZUM | <u>9/8/98</u> | <u>Barbara Heerich</u> |
| 2) <u>Chander P. Chawla</u> Name: Chander P. CHAWLA | <u>9/4/98</u> | <u>Barbara Heerich</u> |
| 3) <u>James R. Petisce</u> Name: James R. PETISCE | <u>9/4/98</u> | <u>Barbara Heerich</u> |
| 4) <u>John T. Vandenberg</u> Name: John T. VANDEBERG | <u>04 SEP 98</u> | <u>Barbara Heerich</u> |
| 5) <u>George Pasternak</u> Name: George PASTERNAK | <u>9/4/98</u> | <u>Barbara Heerich</u> |

IF ADDITIONAL INVENTORS, check box and continue on page 2.



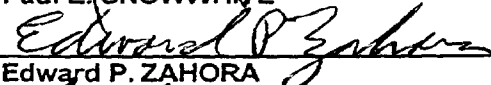

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

| | |
|-----------------------|------|
| (6) Timothy E. BISHOP | (11) |
| (7) Paul E. SNOWWHITE | (12) |
| (8) Edward P. ZAHORA | (13) |
| (9) Stephen C. LAPIN | (14) |
| (10) | (15) |

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

| | <u>INVENTOR(S)</u> | <u>DATE SIGNED</u> | <u>WITNESSES</u> |
|-----|--|--------------------|------------------|
| 6) |  Name: Timothy E. BISHOP | 9/4/98 | Barbara Kieck |
| 7) |  Name: Paul E. SNOWWHITE | 9/4/98 | Barbara Kieck |
| 8) |  Name: Edward P. ZAHORA | 9/4/98 | Barbara Kieck |
| 9) |  Name: Stephen C. LAPIN | 9/3/98 | Monica Ann Lapin |
| 10) | Name: _____ | _____ | _____ |
| 11) | Name: _____ | _____ | _____ |
| 12) | Name: _____ | _____ | _____ |
| 13) | Name: _____ | _____ | _____ |
| 14) | Name: _____ | _____ | _____ |
| 15) | Name: _____ | _____ | _____ |