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102295321

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

1. Name of Conveying party(ies): **Evan G. Colgan, Robert W. Law, Subhash L. Shinde**

### 3. Nature of Conveyance: **Assignment**

Execution Date: 11/05/02, 11/13/02,  
11/01/02

2. Name & address of receiving party(ies)

Name: **International Business  
Machines Corporation**

Street  
Address: **New Orchard Road**

City: **Armonk** State: **New York** ZIP: **10504**

10/299565  
11/19/02

4. Application number(s) or patent number(s):

Title of Application: **A Method of Bonding Optical Fibers And Optical Fiber Assembly**

If this document is being filed together with a new application, the execution date of the application is: **11/05/02, 11/13/02, 11/01/02.**

A. Patent Application No(s).  
Docket No.  
Serial No.

B. Patent No(s)

Additional numbers attached?      Yes X No

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

Name: **Ira D. Blecker**

Street Address:

PATENT TRADEMARK OFFICE

IBM Corporation  
Intellectual Property Law Dept.  
Dept. 18G/Bldg. 300-482  
2070 Route 52  
Hopewell Junction, NY 12533-6531

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed

X Authorized to be charged to  
deposit account

8. Deposit A/C no.: **09-0458 (FI-511)**  
(Attach duplicate copy of this page  
if paying by deposit account)

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9. Statement of signature:

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.

Ira D. Blecker Reg. No. 29,894

Name of Person Signing

Telephone No. (845) 894-3664

Signature

Date:

Total number of pages, including cover sheet, attachments, and document 3

Express Mail No. EU702260299US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: UNITED STATES PATENT & TRADEMARK OFFICE, PO BOX 2327, ARLINGTON, VA 22202. Applicant and/or Attorney requests the date of deposit as the filing date.

November 19, 2002

DATE OF DEPOSIT

KAREN CINO-MARS

SIGNATURE AND DATE

**PATENT**  
**REEL: 013518 FRAME: 0187**

Docket No. FIS920010398US1**ASSIGNMENT**

WHEREAS, we

(1) Evan G. Colgan	of Chestnut Ridge
County of Rockland	State of New York
and	
(2) Robert W. Law	of Poughquag
County of Dutchess	State of New York
and	
(3) Subhash L. Shinde	of Cortlandt Manor
County of Westchester	State of New York

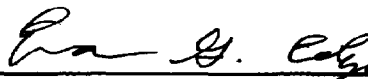
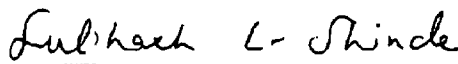
have invented certain improvements in

**A METHOD OF BONDING OPTICAL FIBERS  
AND OPTICAL FIBER ASSEMBLY**and executed a United States patent application therefor on:  
(dates that Inventors signed the declaration)(1) 11/5/02, and (2) \_\_\_\_\_, and (3) ~~11/01/02~~ 11/01/02 MS.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire, right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at Yorktown Heights, NY  
on 11/5/02,  
\_\_\_\_\_  
Evan G. Colgan(2) at \_\_\_\_\_  
on \_\_\_\_\_,\_\_\_\_\_  
Robert W. Law(3) at East Fishkill, NY  
on 11/01/02,  
\_\_\_\_\_  
Subhash L. Shinde

**ASSIGNMENT**

WHEREAS, we

(1)	<b>Evan G. Colgan</b>	of Chestnut Ridge
	County of Rockland	State of New York
	and	
(2)	<b>Robert W. Law</b>	of Poughquag
	County of Dutchess	State of New York
	and	
(3)	<b>Subhash L. Shinde</b>	of Cortlandt Manor
	County of Westchester	State of New York

have invented certain improvements in

**A METHOD OF BONDING OPTICAL FIBERS  
AND OPTICAL FIBER ASSEMBLY**

and executed a United States patent application therefor on:  
(dates that Inventors signed the declaration)

(1) \_\_\_\_\_, and (2) 11/13/02, and (3) \_\_\_\_\_.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire, right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at	_____	_____
on	_____	<b>Evan G. Colgan</b>
(2) at	<u>East Fishkill, NY</u>	<u>Robert W. Law</u>
on	<u>November 13, 2002</u>	<b>Robert W. Law</b>
(3) at	_____	_____
on	_____	<b>Subhash L. Shinde</b>