Docket No.: FIS920020065 10-03-2002 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08/REV03 102239821 Tab settings -To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies): Lawrence Jacobowitz John U. Knickerbocker Name: International Business Machines Corporation Ronald P. Luiiten Subhash L. Shinde Internal Address: Additional names(s) of conveying party(ies) attached? Nature of conveyance: Street Address: New Orchard Road Assignment Security Agreement □ Change of Name City: Armonk ☐ Other State: NY ZIP: 10504 Execution Date: 09-12-02, 09-12-02, 09-13-02, 09-12-02 Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: 09-12-02, 09-12-02, ET 4267249146 09-13-02, 09-12-02 A, Patent Application No. STESPONDENCE SEEING B. Patent No.(s) - J.S. POSTAL SERVICE AS EXPRESS MAL DEAGLES TO THE ADDRESSED TO: COMMISSIONER OF EATENES AND THIRDEMARKS, WASHINGTON, D.C. 20231 APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF DEPOSITION OF THE PLE DATE. DATE OF REPORTS 1/23/6 BY SIGNATURE & DATE The working Additional numbers attached? 

Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: James J. Cioffi 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: Street Address: 10/02/2002 DBYRNE 00000032 090458 10254955 09-0458 FI-389 01 FC:581 (Attach duplicate copy of this page if paying by deposit account) City: State: DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true afth correct and any attached copy is a true copy of the original document. Ira D. Blecker, Reg. No. 29,894 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:

# ASSIGNMENT

### Whereas, we

Inventor and City (1) Lawrence Jacobowitz **County of Dutchess** 

City of Wappingers Falls and State of New York

(2) John U. Knickerbocker **County of Dutchess** 

City of Wappingers Falls and State of New York

(3) Ronald P. Luijten

City of Horgen

and Country of Switzerland

and

(4) Subhash L. Shinde **County of Westchester** 

City of Cortlandt Manor and State of New York

have invented certain improvements in

Title

## MANUFACTURABLE OPTICAL CONNECTION ASSEMBLIES

**Dates That** Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) Sept. 12

2002

2002, and (2) Sept, 12

2002

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, we 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 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at East Fishkill, N. Y. City on Sept. 17, 2000 Date signature Jacobowitz ) inventor First Name Middle Initial Last Name (2) Signed at  $\frac{\partial A}{\partial x} = \frac{\partial A}{\partial x} + \frac{\partial A}{\partial x} +$ City Date signature /John U. Knickerbocker ) inventor First Name Middle Initial Last Name (3) Signed at City signature Date on P. Ronald Luiiten ) inventor First Name Middle Initial Last Name

PAGE 1 OF \_\_\_\_2\_

**PATENT** REEL: 013337 FRAME: 0617

(4) Signed at on	09/12/02				Shinde	signatur ) invento
	01/12/02	(	Subhash	L.	Shinde	) inventor

City Date

PAGE 2 OF \_\_\_\_2\_\_\_

## ASSIGNMENT

#### Whereas, we

Inventor and City

- (1) Lawrence Jacobowitz County of Dutchess
  - and State of New York
- (2) John U. Knickerbocker County of Dutchess

City of Wappingers Falls and State of New York

City of Wappingers Falls

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(1) Sept. 12 (3) Sept. 13, 2002

2002, and (2) Sept, 12-

2002

2002

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, we 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 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City Date	(1) Signed at East Fishkill, N.Y. on Sept. 17, 2007	( Lawrence First Name	Middle Inklal	Jacobowitz Last Name	signature ) inventor
City Date	(2) Signed at $ERSSFISHRICE, N-7$ . on $9(11/02$	( )John First Name	U. Middle Initial	Knickerbocker Last Name	signature ) inventor
City Date	on 7. 37 Comments	( Ronald First Name	P, Middle Initial	Luijten Last Name	signature ) inventor

PAGE 1 OF \_\_\_\_2\_\_\_

REEL: 013337 FRAME: 0619

City Date (4) Signed at Early Fishkel, Ny Subhaseh L. Shinde signature
on 09/12/02 (Subhash L. Shinde ) inventor
First Name Middle Initial Last Name

PAGE 2 OF \_\_\_\_2\_

**RECORDED: 09/25/2002** 

**PATENT REEL: 013337 FRAME: 0620**