01-24-2002 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record and attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Lisa J. Jimarez Mark V. Pierson Name: Intenational Business Machines Corporation Address: New Orchard Road Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Assignment Merger City: Armonk Change of Name State/Prov.: NY ☐ Security Agreement Other Country: United States ZIP: 10504 Execution Date: 12/11/01, 12/05/01 ⊠ No Additional name(s) & address(es) ☐ Yes 4. 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: 12/11/01, 12/05/01 Patent Application No. Filing date B. Patent No.(s) ☐ Yes ☑ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: John W. LaBatt 7. Total fee (37 CFR 3.41):....\$ 40.00 48,301 Registration No. ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Hoffman, Warnick & D'Alessandro LLC Authorized to be charged to deposit account Three E-Comm Square 8. Deposit account number: 09-0457 (IBM) City: Albany State/Prov.: New York Country: United States ZIP: 12207 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 五 9. Statement and signature. To the best of my Anowledge and belief, the foregoing information is true and correct and any attached copy is a true cost of the original document. Lawrence R. Fraley - Reg. No. 26,885 07. ZOOZ Name of Person Signing Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Express Mail No.: ET693516056US

REEL: 012482 FRAME: 043

Docket No.: END920010077US1

IBM Docket No.: END920010077US1

ASSIGNMENT

Whereas we,		
(1) Lisa J. Jimarez County of Tioga	City of Newark Valley and State of New York, USA	
and		
(2) Mark V. Pierson County of Broome	City of Binghamton and State of New York, USA	

have invented certain improvements in

Z INTERCONNECT STRUCTURE AND METHOD

and	have executed	, respectively,	a United States patent application therefor on
(1)	Dec		, 2001; and
(2)	DGC-	5	, 2001.

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;

PATENT REEL: 012482 FRAME: 0432 IBM Docket No.: END920010077US1

ASSIGNMENT (Continued)

Title: Z INTERCONNECT STRUCTURE AND METHOD

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 <u>fr. dicof</u>, <u>///</u>
on <u>/2/////</u>

(Signature of Inventor)

Lisa J. Jimarez (Typed Name of Inventor)

(2) Signed at <u>Swipicott</u>, NY on 12/5/01

(Signature of Inventor)

Mark V. Pierson
(Typed Name of Inventor)

PATENT RECORDED: 01/08/2002 REEL: 012482 FRAME: 0433