Docket No.: FIS920030278US1 12-23-2003 U.S. DEPARTMENT OF COMMERCE IEET FORM PTO-1595 (Modified) (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → 102630799 To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Giora Biran 12-11-03 Name: International Business Machines Corporation Zorik Machulsky Vadim Makhervaks Address: New Orchard Road Leah Shalev ☐ Yes 🏿 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger Assignment State/Prov.: NY City: Armonk Change of Name ☐ Security Agreement ZIP: 10504 Country: US ☐ Other Execution Date: December 7, 2003 ⊠ No ☐ Yes Additional name(s) & address(es) 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: December 7, 2003 B. Patent No.(s) Filing date Patent Application No. 11733630 ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Spencer K. Warnick 7. Total fee (37 CFR 3.41):.....\$ 40.00 40,398 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 12/22/2003 ECOOPER 00000096 090458 8. Deposit account number: 40.00 BA 01 FC:8021 State/Prov.: NY 09-0458 (IBM) City: Albany ZIP: 12207 (Attach duplicate copy of this page if paying by deposit account) Country: US DO NOT USE THIS SPACE 9. Statement and 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. **December 11, 2003** Spencer K. Warnick Name of Person Signing Date Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"), Armonk, New York 10504

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for INCREASING TCP RE-TRANSMISSION PROCESS SPEED

United States Patent

as set forth in United States Patent Appinger inventor signature below, and further id		ned inventor on the date indicated by each per FIS920030278US1;
(select one): 🗵 executed concurrently	y herewith or □ Serial No	Filed on
any and all Letters Patent of the United which may issue on any such application extensions thereof, to be held and enjo	d States and foreign patents and all on or for said invention therein discl oyed by, its successors, legal repres th Letters Patent may be granted as	ions or continuations thereof and in and to rights of priority to be obtained therefor osed, including any and all reissues or sentatives and assigns to the full end of the fully and entirely as would have been held

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

Each undersigned inventor hereby grants the IBM and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

		Executed by Inventor 1 of 4	
Signature _	Giora Biran	Date:	7/12/2003
		Executed by Inventor 2 of 4	
Signature:	Zor Machulsky	Date:	7/12/03
		Executed by Inventor 3 of 4	
Signature:	Vadim Makhervaks	Date:	7/12/2003
	J	Executed by Inventor 4 of 4	
Signature:	Leah Shalar	Date:	7/12/2003

PATENT REEL: 014806 FRAME: 0093