Docket No.: IN920040017US1

	RECORDATION FORM COVER SHEET				U.S. DEPARTMENT OF COMMERCI	
OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	PATENTS ONLY		Y	Patent and Trademark Offic		
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To the Director of the United States Paten	t and Trademark Of	fice: Please rec	ord the attached origi	nal documents or cop	y thereof.	
1. Name of conveying party(ies): Shridhar N. Ambilkar Girish G. Kurup Ashutosh Misra		Name:	nd address of recei International Busin : <u>New Orchard Ro</u>	ess Machines Corpo	ration	
Additional names(s) of conveying party(ies)	🗆 Yes 🖄 No				_	
3. Nature of conveyance:			<u></u>			
🖾 Assignment 🛛 🖾 Me	rger					
Security Agreement Ch	ange of Name	City: Arr	monk	State/Prov.;	<u>NY</u>	
Other		Country:	USA	ZIP: <u>10504</u>		
Execution Date: 01/05/05, 01/05/05, 01/05	/05	Additional na	me(s) & address(es)	🗋 Yeş	⊠ No	
Patent Application No. Filing date		В. Н	Patent No.(s)			
	Additional numbers	 🖸 Yes	X No			
 Name and address of party to whom corres concerning document should be mailed: 	spondence	6. Total num	nber of applications	and patents involve	ed: 1	
Name: Customer No. 30449	_ _	7. Total fee	(37 CFR 3.41):	\$ 40.00		
Registration No. Address:		Enclosed - Any excess of credited or debited to de		r insufficiency shou posit account	ld be	
	<u> </u>	🖄 Autho	rized to be charged	to deposit account		
<u>-</u>		8. Deposit a	ccount number:			
City: State/Prov.:		<u>09-0457(IBM)</u>				
Country: ZIP:		(Attach duplicate copy of this page if paying by deposit account)				
Statement and signature.	DO NOT	USE THIS SPACE		······································		
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William H. Steinberg- Reg. No. 28,540	<u> Wallan</u> ii	_ K]- /n	Tintum	6/27/1	, ,5	
Name of Person Signing	r of pages including or	Signature		5 Date	· <u> </u>	
Mail docu	ments to be recorded with	required cover shoet I	pformetic			
700190902 Dire	Ctor of the United States P.O. Box 1450 Alayar	Recordation Service	^{ಸ್ಥ} ್ಯ REEL: 016	428 FRAME: (0031	

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PATENT DOCKET NO.: IN920040017US1

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 Armonik, 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 therefore relating to:

Title of Invention for **METHOD AND APPARATUS FOR DATA TRANSFER** United States Patent

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number IN920040017US1**;

(select one); ____ executed concurrently herewith or X_{-} Serial No. <u>11/149,477</u>Filed on <u>06/09/05</u>

for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefore which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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 and for vesting title to such inventions and improvements and for vesting title to 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 therefore 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.

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PATENT REEL: 016428 FRAME: 0032

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Executed by Inventor 1 of 3 Date: January 5th, 2005 Signature: Shridhar N. Ambilkar

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PATENT REEL: 016428 FRAME: 0033

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Executed by Inventor 2 of 3

Signature: Date: January 5th 2005 Girish G. Kurup

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PATENT REEL: 016428 FRAME: 0034

PATENT DOCKET NO.: IN920040017US1

Executed by Inventor 3 of 3

Date: January 5th, 2005 Signature: Ashutosh Misra

RECORDED: 06/28/2005

PATENT REEL: 016428∗FR<u>AM</u>E∺<u>A0035</u> ∗∗∗

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