FORM PTO-1595 (Modified) (Rev. 5-93)

RECORDATION FORM COVER S

08-16-1999

Docket No.: 12679 (YO999-219)

OMMERCE



1. Name of conveying party(ies): Christopher Adam Felid Roy Chartes Iggulden Rajiv Vasant Joshi Edward William Kiewra Additional names(s) of conveying party(ies)	PATENTS ONLY	OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02
1. Name of conveying party(ies): Christopher Adam Feild Roy Charles Iggulden Rajiv Vasant Joshi Edward William Kiewra Additional names(s) of conveying party(ies)	101117110	
Christopher Adam Feild Roy Charles legulden Rajiv Vasant Joshi Edward William Kiewra Name: International Business Machines Corporation Internal Address: Additional names(s) of conveying party(ies) Yes 🔀 No 3 Nature of conveyance: Massignment Merger Street Address: New Orchard Road		To the Honorable Commissioner
3. Nature of conveyance: Assignment	Name: International Business Machines Corporation	Christopher Adam Feild Roy Charles Iggulden Rajiv Vasant Joshi
Marger Street Address: New Orchard Road Security Agreement □ Change of Name Other City: Armonk State: NY ZIP: 10 Execution Date: 7/29/99; 8/2/99; 7/23/99; and 8/2/99 Additional name(s) & address(es) attached? □ Yes ☑ N Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Filing Date: May 26, 1999 Additional numbers attached? □ Yes ☒ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania, Reg. No.: 32,608 Internal Address: Scully, Scott, Murphy & Presser □ Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☑ Authorized to be charged to deposit account Street Address: 400 Garden City Plaza 8. Deposit account number:	」Yes ☒ No	Additional names(s) of conveying part
Change of Name Other City: Armonk State: NY ZIP: 10 Execution Date: 7/29/99; 8/2/99; 7/23/99; and 8/2/99 Cespectively Additional name(s) & address(es), attached? Yes Management is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 8. Patent No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania, Reg. No.: 33,608 Internal Address: Scully, Scott, Murphy & Presser Street Address: 400 Garden City Plaza 8. Deposit account number:		3. Nature of conveyance:
City: Armonk State: NY ZIP: 10. Execution Date: 7/29/99; 8/2/99; 7/23/99; and 8/2/99 Additional name(s) & address(es), attached? Yes 4. Application number(s) or registration numbers(s): If this document is being filled together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Filling Date: May 26, 1999 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania, Reg. No.: 32,608 Internal Address: Scully, Scott, Murphy & Presser Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 400 Garden City Plaza 8. Deposit account number:	ger Street Address: New Orchard Road	▲ Assignment
Execution Date: 7/29/99; 8/2/99; 7/23/99; and 8/2/99 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 9/320,612 Filing Date: May 26, 1999 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania, Reg. No.: 32,608 Internal Address: Scully, Scott, Murphy & Presser Execution Date: Yes No B. Patent No.(s) 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40,00 Internal Address: Scully, Scott, Murphy & Presser Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 400 Garden City Plaza 8. Deposit account number:	nge of Name	☐ Security Agreement
4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Filing Date: May 26, 1999 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania, Reg. No.: 32,608 Internal Address: Scully, Scott, Murphy & Presser Internal Address: Scully, Scott, Murphy & Presser Street Address: 400 Garden City Plaza 8. Deposit account number:	City: Armonk State: NY ZIP: 10504	Other
A Patent Application No.(s) A Patent Application No.(s) B. Patent No.(s) Patent No.(s)	8/2/99 Additional name(s) & address(es), attached? Yes No	Execution Date: 7/29/99; 8/2/99; 7/2
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Internal Address: Scully, Scott, Murphy & Presser Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 400 Garden City Plaza 8. Deposit account number:	8 7 Total fee (37 CFR 3.41): \$ 40.00	Name: Richard L. Catania, Reg.
8. Deposit account number:	Presser Enclosed - Any excess or insufficiency should be credited or debited to deposit account	
8. Deposit account number:		Street Address: 400 Garden City
	8. Deposit account number:	
City: Garden City State: NY ZIP: 11530	50-0510/IBM (Yorktown) ZIP: 11530	City: Garden City
DO NOT USE THIS SPACE	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 of the original document. Richard L. Catania August 5, 1999		To the best of my knowledge and of the original document.
Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: Date	4	

SSM&P Docket No.: 12679
IBM Docket No.: Y0999-219

of Yorktown Heights

of Newburgh

of Verbank

and State of New York

of Yorktown Heights

(JOINT FORM)
(MORE THAN ONE)

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Assignment

Whereas, we

Inventor and City

(1) Christopher Adam Feild County of Westchester

and (2) Roy Charles Iggulden County of Orange

and (3) Rajiv Vasant Joshi County of Westchester

and (4) Edward William Kiewra County of Dutchess

have invented certain improvements in

TITLE

DUAL-RIE STRUCTURE FOR VIA/LINE INTERCONNECTIONS

and executed, respectively, a United States patent application therefor on DATES THAT (1) 7/29/99 1999, and (2) August 2, 1999, and (3) 23 43 1999, and INVENTORS (4) August 2, 1999.

SIGNED THE DECLARATION

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 inventions 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.

Signed and sealed

CITY (1) at YOU TOWN HAIGHTS
DATE on TULY 29 1999

1999, (Christopher

FIRST NAME MIDDLE INITIAL

Α. `

Feild) INVENTOR

LAST NAME

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Page 2 of 3

Signed and sealed and (2) at Yorktown Hgts., NY CITY on August 2, DATE ggulden) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME Signed and sealed and (3) at Yorktown Hts
on 1999, (Rajiv
FIRST NAME MIDE CITY DATE MIDDLE INITIAL ((V)) LAST NAME Signed and sealed and (4) at Yorktown Hgts.,NY CITY SIGNATURE on August 2, 1999, (Edward Kiewra DATE) INVENTOR MIDDLE INITIAL LAST NAME State of NEW YORK) ss .: County of / CESTCHESTER On this 29 TH day of JULY 1999, before me personally came Christopher Adam Feild INVENTOR to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged (1)to me that he executed the same as his free act and deed. ANNI OFFENBACHER Notary Public, State of New York No. 010F4935294 Qualified in Westchester County)ss.: State of New York Commission Expires July 5, 20 County of Westchester On this day of August 2nd1999, before me personally came INVENTOR Roy Charles Iggulden to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged (2)to me that he executed the same as his free act and deed.

LUCILLE FOURGEOT
NOTARY PUBLIC, Jate of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/30/200/

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)ss.: County of

INVENTOR (3)

INVENTOR

(4)

day of On this 1999, before me personally came Rajiv Vasant Joshi to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed

State of New York)ss.: County of Westchester

Notary Public, State of New York No. 01PA5089349 Qualified in Dutchess County Commission Expires December 8, 1990, before me personally came

1999

On this 2nd August day of

Edward William Kiewra to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

LUCILLE FOURGEOT NOTARY PUBLIC, state of New York No. 4502670 Qualified in Westchester County Gommission Expines