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IBM Docket No.: RPS920030006US1 (IRA-10-5730)

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	5-19-03	party(ies):					
	1) JAMES N. DIEFFENDERFER 2) BERNARD C. DRERUP						
ı		Name: <u>INTERNATIONAL BUSINESS MACHINES</u>					
ı	3) JAYA P. GANASAN	CORPORATION					
	4) RICHARD G. HOFMANN						
	5) THOMAS A. SARTORIUS	Internal Address:					
-	6) THOMAS P. SPEIER						
	7) BARRY J. WOLFORD						
		A New York corporation					
	Additional names of conveying party(ies) attached?	A New Tork Corporation					
	yes no	Street Address:					
	yes <u>no</u>	New Orchard Road					
	3. Nature of Conveyance	City _Armonk					
	2. Padde of Conveyance	State New York Zip 10504					
	X Assignment Merger	2.1p 111.104					
	Security Agreement Change of Name Other	Additional name(s) & address(es) attached? yes no					
	Execution Date: 1) _May 13, 2003, 2) May 15, 2003,						
ľ	3) May 13, 2003, 4) May 13, 2003, 5) May 13, 2003,						
	6)_ May 13, 2003 and 7)_ May 15, 2003	-'					
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	· · · · · · · · · · · · · · · · · · ·	on, the execution date of the application is: 1) May 13, 2003,					
	Title: <b>TRANSFER REQUEST PIPELINE THROTTLI</b> If this document is being filed together with a new applicati 2) May 15, 2003, 3) May 13, 2003, 4) May 13, 2003, 4. Patent Application No(s).	on, the execution date of the application is: 1) May 13, 2003, 5) May 13, 2003, 6) May 13, 2003 and 7) May 15, 2003.  B. Patent No(s).					
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) ) ) )	Title: TRANSFER REQUEST PIPELINE THROTTLI  If this document is being filed together with a new applicati 2) May 15, 2003, 3) May 13, 2003, 4) May 13, 2003, 3  A. Patent Application No(s).  Additional num  5. Name and address of party to whom correspondence concerni document should be mailed:  JOSCELYN G. COCKBURN  IBM Corporation  Dept. 9CCA/B002  30.39 Cornwallis Road  Research Triangle Park, NC 27709  STON11 00000110 091990 10440778  40.00 CH  DO NOT	on, the execution date of the application is: 1) May 13, 2003, 5) May 13, 2003, 6) May 13, 2003 and 7) May 15, 2003.  B. Patent No(s). bers attached? Yes No  1. Total fee (37 CFR 3.41): Enclosed  X. Authorized to be charged to deposit account Total fee due X. Any deficiencies in the enclosed fees  8. Deposit account number: 09-1990 (Attach duplicate copy of this page if paying by deposit account)  CUSE THIS SPACE					
) ) ) )	Title: TRANSFER REQUEST PIPELINE THROTTLI  If this document is being filed together with a new applicati 2) May 15, 2003, 3) May 13, 2003, 4) May 13, 2003, 3  A. Patent Application No(s).  Additional num  5. Name and address of party to whom correspondence concerni document should be mailed:  JOSCELYN G. COCKBURN  IBM Corporation  Dept. 9CCA/B002  3039 Cornwallis Road  Research Triangle Park, NC 27709  6TOM11 00000110 091990 10440778  40.00 CH  DO NOT  9. Statement and signature  To the best of my knowledge and belief, the foregoing interpretations.	on, the execution date of the application is: 1) May 13, 2003, 5) May 13, 2003, 6) May 13, 2003 and 7) May 15, 2003.  B. Patent No(s). bers attached? Yes No  6. Total number of applications and patents involved:1  7. Total fee (37 CFR 3.41): Enclosed  X Authorized to be charged to deposit account Total fee due X Any deficiencies in the enclosed fees  8. Deposit account number:					
)S1	Title: TRANSFER REQUEST PIPELINE THROTTLI  If this document is being filed together with a new applicati 2) May 15, 2003, 3) May 13, 2003, 4) May 13, 2003, 3  A. Patent Application No(s).  Additional num  5. Name and address of party to whom correspondence concerni document should be mailed:  JOSCELYN G. COCKBURN  IBM Corporation  Dept. 9CCA/B002  3039 Cornwallis Road  Research Triangle Park, NC 27709  6TOM11 00000110 091990 10440778  40.00 CH  DO NOT  9. Statement and signature  To the best of my knowledge and belief, the foregoing interpretations.	on, the execution date of the application is: 1) May 13, 2003, 5) May 13, 2003, 6) May 13, 2003 and 7) May 15, 2003.  B. Patent No(s). bers attached? Yes No  6. Total number of applications and patents involved:1  7. Total fee (37 CFR 3.41): Enclosed  X Authorized to be charged to deposit account Total fee due X Any deficiencies in the enclosed fees  8. Deposit account number:					
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IBM Docket No. RPS920030006US1(IRA-10-5730)

## **ASSIGNMENT**

Whereas, I	

Inventor

- (1) **JAMES N. DIEFFENDERFER** of Apex, North Carolina, USA
- (2) BERNARD C. DRERUP of Austin, Texas USA
- (3) JAYA P. GANASAN of Youngsville, North Carolina, USA
- (4) **RICHARD G. HOFMANN** of Apex, North Carolina, USA
- (5) THOMAS A. SARTORIUS of Raleigh, North Carolina, USA
- (6) THOMAS P. SPEIER of Holly Springs, North Carolina, USA
- (7) **BARRY J. WOLFORD** of Austin, Texas, USA

have invented certain improvements in

Title:	TRANSFER REQUEST PIPELINE THROTTLING				
Date That	and have executed, respectively, a United States patent application therefor on				
Inventor Signed the and	(1)	,(2)5/15/	<u>/03</u> , (3)		
Declaration	(4)	, (5)	, (6)	and	
	(7) 5/15	/03			

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 patent to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I 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,

RPS920030006US1 (IRA-10-5730)

PATENT PAGE 02887

and I request the Commissioner of Patents to issue and Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City	(1)	Signed at	Research Triangle Park, NC	
Date	on		(JAMES N. DIEFFENDERFER	Signature )inventor
City Date		Signed at	Austin, TX  ———————————————————————————————————	Signature )inventor
City Date		Signed at	Research Triangle Park, NC	_
			(JAYA P. GANASAN	Signature )inventor
City			Research Triangle Park, NC	
Date	on		(RICHARD G. HOFMANN	Signature )inventor
City Date	(5) on	Signed at	Research Triangle Park, NC	_
			(THOMAS A. SARTORIUS	Signature )inventor

RPS920030006US1 (IRA-10-5730)

City	(6)	Signed at	Research Triangle Park, NC	<del></del>
Date	on			
				Signature
			(THOMAS P. SPEIER	)inventor
City	(7)	Signed at	Austin, TX	
Date	on _	5/15/03		
			Barry I WOLFORD	Signature )inventor

RPS920030006US1 (IRA-10-5730)

PATENT 5128387004 REEL: 014094 FRAME: 0889

## ASSIGNMENT

Whereas, I

Inventor

- JAMES N. DIEFFENDERFER (1) of Apex, North Carolina, USA
- **BERNARD C. DRERUP (2)** of Austin, Texas USA
- **(3)** JAYA P. GANASAN of Youngsville, North Carolina, USA
- **(4)** RICHARD G. HOFMANN of Apex, North Carolina, USA
- THOMAS A. SARTORIUS (5)of Raleigh, North Carolina, USA
- THOMAS P. SPEIER (6)of Holly Springs, North Carolina, USA
- BARRY J. WOLFORD **(7)** of Austin, Texas, USA

have invented certain improvements in

Title:

## TRANSFER REQUEST PIPELINE THROTTLING

Date That Inventor Signed the and Declaration and have executed, respectively, a United States patent application therefor on

(1) 5/13/03 , (2) , (3) 5/13/03 , (6) 5/13/03 and

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 patent to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I 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,

RPS920030006US1 (IRA-10-5730)

in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM. City **(1)** Signed at Research Triangle Park, NC Date City Signed at Austin, TX **(2)** Date Signature (BERNARD C. DRERUP )inventor City Signed at Research Triangle Park, NC on 5/13/03 Date Signature )inventor Signed at Research Triangle Park, NC City Date Signature )inventor Signed at Research Triangle Park, NC (5) City on \_\_\_\_5/13/03

and I request the Commissioner of Patents to issue and Letters Patent granted upon the invention set forth

RPS920030006US1 (IRA-10-5730)

Date

Signature )inventor

City	(6)	-	Research Triangle Park, NC	
Date	on	5/13/03		
			(THOMAS P. SPEIER	Signature )inventor
			(1.1.3)	уштенся
City	(7)	Signed at	Austin, TX	
Date	on			
				Signature

(BARRY J. WOLFORD

RPS920030006US1 (IRA-10-5730)

**RECORDED: 05/19/2003** 

PATENT REEL: 014094 FRAME: 0892

)inventor