Docket: RPS920020023US1 04-18-2002 **FORM PTO - 1595** U.S. DEPARTMENT OF RECOR EET COMMERCE Patent and Trademark Office 102059739
Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof Name(s) of conveying party/parties: 2. Name and address of receiving party (1) Brahmanand Kumar Gorti (4) Andreas Kind (2) Marco Heddes (5) Michael Steven Siegel International Business Machines Corporation (3) Clark Debs Jeffries Old Orchard Road Armonk, New York 10504 Additional Names Attached? Yes Х No 3. Nature of Conveyance X Assignment Merger Security Agreement Change of Name Other: Execution Date(s): (1) 3/28/02(4) 3/21/02 Additional Names Attached? (2) 3/26/02 Yes (5) 3/20/02Х No (3) 3/20/02Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: (4) 3/21/02 (1) 3/28/02 (2) 3/26/02(5) 3/20/02 (3) 3/20/02B. Patent No(s) A. Patent Application No(s) Additional Numbers Attached? X No 6. Total Number of applications and patents 5. Name and Address of party to whom correspondence concerning the document should be involved: sent: 40 Total fee (37 CFR 3.41)\$ Joscelyn G. Cockburn Name: **Enclosed** Internal Address: Charge to deposit account X IBM Corporation, 9CCA/B002 Deposit account Number: 09-1990 Street Address: (Attach duplicate copy of this page if paying by deposit account PO Box 12195 Res. Tri. Park, NC 27709 City/State/Zip: 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 Joscelm G bred bury 4/8/2002 Signature true copy of the original document. Joscelyn G. Cockburn

Name of Person Signing

Total Number of pages including cover sheet, attachments and document

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents; Box Assignments; Washington, D.C. 20231

00000165 091990 10118493 04/17/2002 GTOH11 40.00 CH 01 EC:581

PATENT REEL: 012792 FRAME: 0093

ASSIGNMENT

Whereas, we

- -1 Brahmanand Kumar Gorti
- of: Cary, North Carolina
- and (2) Marco Heddes
 - of: Lawrence, Massachusetts
- and (3) Clark Debs Jeffries
 - of: Durham, North Carolina
- and (4) Andreas Kind
 - of: Kilchberg, Switzerland
- and (5) Michael Steven Siegel
 - of: Raleigh, North Carolina

have invented certain improvements in

PRIORITY BASED BANDWIDTH ALLOCATION WITHIN REAL-TIME AND NON-REAL-TIME TRAFFIC STREAMS

and have executed, respectively, a United States patent application therefor on

-1
$$-2$$
 $3/26/02$ -3 $20mcm$ 02 -4 -5 $3/26/00$

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 patents to be obtained therefor;

IBM Docket No.: RPS920020023US1

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.

SIGNED AND SEALED

(1) at: Res. Tri. Park, NC

on:

and (2) at: Lawtence, MA

on: 3/26/02

and (3) at: Res. Tri. Park, NC

on: 20 Mar 02

and (4) at:

on:

and (5) at: Res. Tri. Park, NC

on: 3/20/200-

Brahmanand Kumar Gorti

Marco Heddes

Marco C Heddes

Clark Dels Teffrics

Clark Debs Jeffries

Andreas Kind

Michael Steven Siegel

IBM Docket No.: RPS920020023US1

ASSIGNMENT

Whereas, we

- -1 Brahmanand Kumar Gorti
- of: Cary, North Carolina
- and (2) Marco Heddes
 - of: Lawrence, Massachusetts
- and (3) Clark Debs Jeffries
 - of: Durham, North Carolina
- and (4) Andreas Kind
 - of: Kilchberg, Switzerland
- and (5) Michael Steven Siegel
 - of: Raleigh, North Carolina

have invented certain improvements in

PRIORITY BASED BANDWIDTH ALLOCATION WITHIN REAL-TIME AND NON-REAL-TIME TRAFFIC STREAMS

and have executed, respectively, a United States patent application therefor on

-1 28 Mar 02 -2 -3 -4 21.0; (2 -5

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 patents to be obtained therefor;

assgn5.wpt 4-7-99

Page 1 of 2

PATENT REEL: 012792 FRAME: 0096

IBM Docket No.: RPS920020023US1

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.

SIGNED AND SEALED

, ,	Res. In. Park, NC	Boolimanand Kumar Golli
on:	28 May 2002	Brahmanand Kumar Gorti
and (2) at:		
on:		
		Marco Heddes
and (3) at:	Res. Tri. Park, NC	
on:		
		Clark Debs Jeffries
and (4) at:	الكرود والمالون)	
on:	21.03.02	A-dry C
		Andreas Kind
and (5) at:	Res. Tri. Park, NC	
on:		Michael Steven Siegel

Page 2 of 2

assgn5.wpl 4-7-99

RECORDED: 04/08/2002

PATENT REEL: 012792 FRAME: 0097