



101799875

To the Honorable Commissioner of P

... the attached original documents or copy thereof

PTO 09/9/01

07/16/01

1. Name(s) of conveying party/parties: 2. Name and address of receiving party

(1) Youssef Abdelilah (5) Clark Debs Jeffries
(2) Gordon Taylor Davis (6) Malcolm Scott Ware
(3) Jeffrey Haskell Derby (7) Hua Ye
(4) Dongming Hwang
Additional Names Attached? Yes X No

International Business Machines Corporation
Old Orchard Road
Armonk, New York 10504
Additional Names Attached? Yes X No

3. Nature of Conveyance

X Assignment Merger
Security Agreement Change of Name
Other:

Execution Date(s): (1) July 2, 2001 (5) July 13, 2001
(2) July 3, 2001 (6) July 3, 2001
(3) July 5, 2001 (7) July 2, 2001
(4) July 2, 2001

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

- (1) July 2, 2001 (5) July 13, 2001
(2) July 3, 2001 (6) July 3, 2001
(3) July 5, 2001 (7) July 2, 2001
(4) July 2, 2001

A. Patent Application No(s)

B. Patent No(s)

Additional Numbers Attached? Yes X No

5. Name and Address of party to whom correspondence concerning the document should be sent:

Name: Joscelyn G. Cockburn
Internal Address:
IBM Corporation, 9CCA/B002
Street Address:
PO Box 12195
City/State/Zip: Res. Tri. Park, NC 27709

6. Total Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .....\$ 40

Enclosed
X Charge to deposit account

8. Deposit account Number: 09-0464

(Attach duplicate copy of this page if paying by deposit account)

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.

Joscelyn G. Cockburn

Name of Person Signing

Joscelyn G. Cockburn July 16, 2001

Signature

Date

Total Number of pages including cover sheet, attachments and document

4

09/09/01 09:04:64 40.00

**ASSIGNMENT**

**Whereas, we**

**-1** Youssef Abdelilah

**of:** Holly Springs, North Carolina

**and (2)** Gordon Taylor Davis

**of:** Chapel Hill, North Carolina

**and (3)** Jeffrey Haskell Derby

**of:** Chapel Hill, North Carolina

**and (4)** Dongming Hwang

**of:** Cary, North Carolina

**and (5)** Clark Debs Jeffries

**of:** Durham, North Carolina

**and (6)** Malcolm Scott Ware

**of:** Raleigh, North Carolina

**and (7)** Hua Ye

**of:** Durham, North Carolina

have invented certain improvements in

**Controlling Network Congestion Using a Biased Packet Discard Policy for  
Congestion Control and Encoded Session Packets: Methods, Systems, and  
Program Products**

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

**-1 JULY-02-2001 -2 JULY-03, 2001-3 7/5/01**

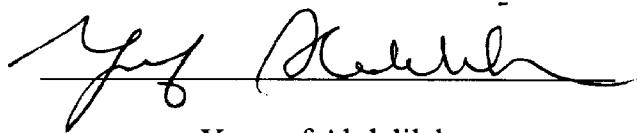
-4 July 2, 2001 -5 13 July 01 -6 July 3, 2001  
-7 July 2, 2001

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;

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.

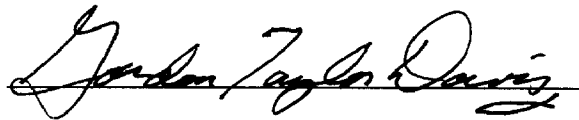
SIGNED AND SEALED

(1) at: RTP, NC  
on: JULY-02-2001



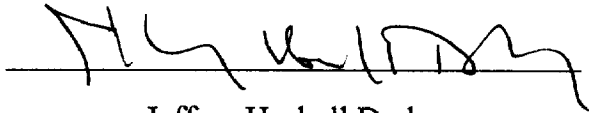
Youssef Abdelilah

and (2) at: RTP, NC  
on: JULY 03, 2001



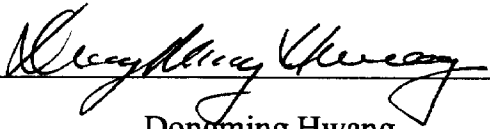
Gordon Taylor Davis

and (3) at: RTP, NC  
on: 7/5/01




Jeffrey Haskell Derby

and (4) at: RTP, NC  
on: July 2, 2001

  
Dongming Hwang

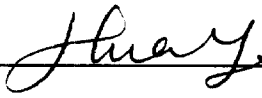
and (5) at: RTP, NC  
on: 13 July 01

  
Clark Debs Jeffries

and (6) at: RTP, NC  
on: July 3, 2001

  
Malcolm Scott Ware

and (7) at: RTP, NC  
on: July 2, 2001

  
Hua Ye