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To the Honorable Commissioner of Patents and T

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cuments or copy thereof

1. Name(s) of conveying party/parties:

Brian Mitchell Bass Jean Louis Calvignac
 Marco C. Heddes Antonios Maragos
 Piyush Chunilal Patel Michael Steven Siegel
 Fabrice Jean Verplanken

Additional Names Attached? Yes ☒ No

3. Nature of Conveyance

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date(s): 06/15/00 05/26/00 06/12/00 04/06/00
05/26/00 05/23/00 05/31/00

2. Name and address of receiving party

International Business Machines Corporation
 Old Orchard Road
 Armonk, New York 10504

Additional Names Attached? ☐ Yes ☒ No

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:

A. Patent Application No(s)

B. Patent No(s)

09/544,992

Additional Numbers Attached? Yes ☒ No

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

Name: Josh G. Cockburn

Internal Address:

IBM Corporation, 2Y7/656

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☒ Charge to deposit account

8. Deposit account Number: 09-0464

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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

Signature

August 21, 2000

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4

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PATENT
 REEL: 011134 FRAME: 0924

ASSIGNMENT

Whereas, we

-1 Brian Mitchell Bass

of: Apex, North Carolina

and (2) Jean Louis Calvignac

of: Cary, North Carolina

and (3) Marco C. Heddes

of: Raleigh, North Carolina

and (4) Antonios Maragos

of: Raleigh, North Carolina

and (5) Piyush Chunilal Patel

of: Cary, North Carolina

and (6) Michael Steven Siegel

of: Raleigh, North Carolina

and (7) Fabrice Jean Verplanken

of: La GAUDE, France

have invented certain improvements in

Longest Prefix Match (LPM) Algorithm Implementation for a Network Processor

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

-1 6-15-00	-2 5/26/00	-3 6/12/00
-4 4/6/00	-5 6/26/00	-6 5/23/00

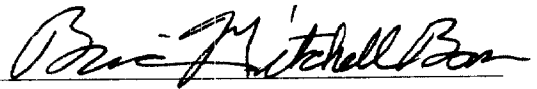
-7 5/31/00

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;

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.

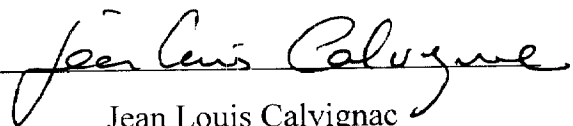
SIGNED AND SEALED

(1) at: RTP, NC
on: 6-15-00



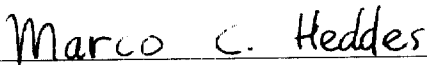
Brian Mitchell Bass

and (2) at: RTP, NC
on: 5/26/00



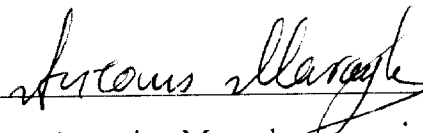
Jean Louis Calvignac

and (3) at: RTP, NC
on: 6/12/00



Marco C. Heddes

and (4) at: RTP, NC
on: 4/6/00



Antonios Maragkos

and (5) at: RTP, NC
on: 6/26/00

Piyush Chunilal Patel.

Piyush Chunilal Patel

and (6) at: RTP, NC
on: 5/23/00

Michael Steven Siegel

Michael Steven Siegel

and (7) at: RTP, NC
on: 5/31/00

Fabrice Jean Verplanken

Fabrice Jean Verplanken