

11-24-1999

Docket: RAL9-99-0081

FORM PTO-1595



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PATENTS ONLY

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US Dept. Of Commerce

To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Brian Mitchell Bass Jean Louis Calvignac Marco C. Heddes Piyush Chunilal Patel Juan Guillermo Revilla Michael Steven Siegel Fabrice Jean Verplanken</p> <p>Additional name(s) of conveying party(ies) attached? ___Yes ___X_No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: IBM Corporation Address: New Orchard Road Armonk, NY 10504</p> <p>Additional name(s) &amp; addresses attached? ___Yes ___X_No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p>Execution Date: 10/28/99; 11/01/99 11/02/99</p>	<p>4. Patent Application number(s)</p> <p>09/384,744</p> <p>Execution Date: 10/28/99; 11/01/99 11/02/99</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Joscelyn G. Cockburn Address: IBM Corporation Intellectual Property Law D972/B656 P. O. Box 12195 3039 Cornwallis Road RTP, NC 27709</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Charge to Deposit Account No.: 09-0464</p>

8. 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 original document.

Joscelyn G. Cockburn

*Joscelyn G. Cockburn*

11/04/99

Name of Person Signing Signature Date  
Total no. of pages including cover sheet, attachments and document: 7

11/23/1999 HKAMARA 00000122 090464 09384744  
02 FC:581 40.00 CH

## 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)* Piyush Chunilal Patel

*of:* Cary, North Carolina

*and (5)* Juan Guillermo Revilla

*of:* Austin, Texas

*and (6)* Michael Steven Siegel

*of:* Raleigh, North Carolina

*and (7)* Fabrice Jean Verplanken

*of:* Cary, North Carolina

have invented certain improvements in

### **Network Processor, Memory Organization and Methods**

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

-1 11/01/99                      -2 11/02/99                      -3 11/01/99

-4 11/01/99                      -5                                      -6 10/28/99

-7 11/01/99

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

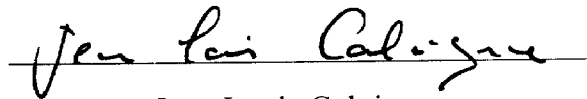
on: 11-1-99



Brian Mitchell Bass

and (2) at: RTP, NC

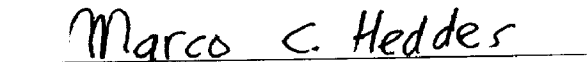
on: 11-2-99



Jean Louis Calvignac

and (3) at: RTP, NC

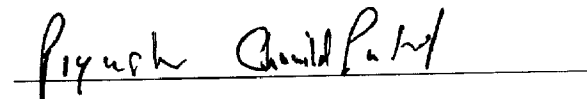
on: 11/1/99



Marco C. Heddes

and (4) at: RTP, NC

on: 11/1/99.



Piyush Chunilal Patel

and (5) at:

on:

and (6) at: RTP, NC

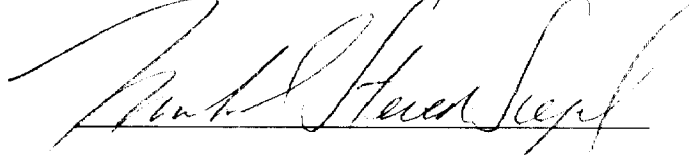
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and (7) at: RTP, NC

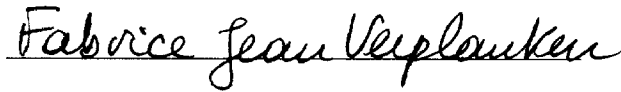
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Juan Guillermo Revilla



Michael Steven Siegel



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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:**

**on:**

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Brian Mitchell Bass

**and (2) at:**

**on:**

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Jean Louis Calvignac

**and (3) at:**

**on:**

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Marco C. Heddes

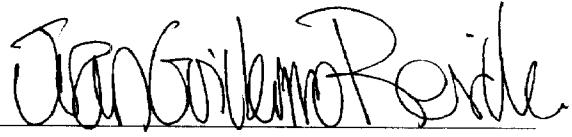
**and (4) at:**

**on:**

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Piyush Chunilal Patel

and (5) at: Austin, Texas  
on: 10/28/99



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Juan Guillermo Revilla

and (6) at:  
on:

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Michael Steven Siegel

and (7) at:  
on:

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Fabrice Jean Verplanken