

03-14-2002

1 COVER SHEET  
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Victor Roberts Augsburg  
Jeffrey Todd Bridges  
Thomas Andrew Sartorius  
Rodney Wayne Smith  
Thomas Philip Speier

2. Name and address of receiving party

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

3. Nature of Conveyance

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

Execution Date(s): 2/22/2002

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: 2/22/2002

A. Patent Application No(s)

B. Patent No(s)

10082085

Additional Numbers Attached? Yes ☒ No5. Name and Address of party to whom  
correspondence concerning the document should be  
sent:

Name: Scott W. Reid

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☒ Charge to deposit account

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03/13/2002 GTUN:1 00000236 091990 10082085

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PATENT  
REEL: 012662 FRAME: 0290

## ASSIGNMENT

Whereas, we

-1 Victor Roberts Augsburg

of: Cary, North Carolina

and (2) Jeffrey Todd Bridges

of: Raleigh, North Carolina

and (3) Thomas Andrew Sartorius

of: Raleigh, North Carolina

and (4) Rodney Wayne Smith

of: Raleigh, North Carolina

and (5) Thomas Philip Speier

of: Holly Springs, North Carolina

have invented certain improvements in

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OP CODE TO ACCOMMODATE THE EXTRA BITS ASSOCIATED  
WITH PRE-DECODED INSTRUCTIONS**

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

-1 2-22-2002 -2 2-22-2002 -3 2-22-2002

-4 2-22-2002 -5 2-22-2002

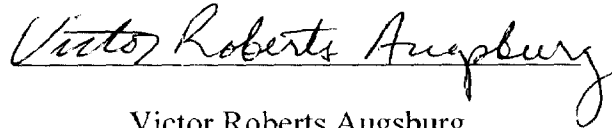
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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: Res. Tri. Park, NC

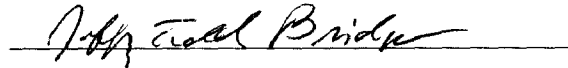
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Victor Roberts Augsburg

and (2) at: Res. Tri. Park, NC

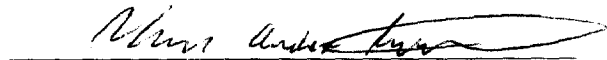
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Jeffrey Todd Bridges

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

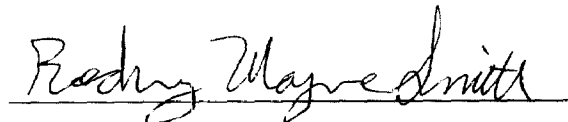
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Thomas Andrew Sartorius

and (4) at: Res. Tri. Park, NC

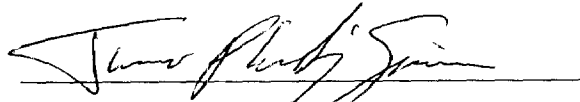
on: 2-22-2002



Rodney Wayne Smith

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

on: 2-22-2002



Thomas Philip Speier