

05-28-1998

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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies) James A. Bruce, Jonathan D. Chapple-Sokol, Charles W. Koburger, III, Michael J. Lercel, Randy W. Mann, James S. Nakos, John J. Pekarik, Kirk D. Peterson and Jed H. Rankin</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Name: <u>International Business Machines Corporation</u> Internal Address: Street Address: <u>Old Orchard Road</u> City: <u>Armonk</u> State: <u>New York</u> Zip: <u>10504</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of name <input type="checkbox"/> Other Execution Date: 4/30/98, 4/28/98, 5/8/98, 4/28/98, 4/28/98, 4/28/98, 4/28/98, 4/24/98, 4/24/98</p>					
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 4/30/98, 4/28/98, 5/8/98, 4/28/98, 4/28/98, 4/28/98, 4/28/98, 4/24/98, 4/24/98</p> <table border="1"> <tr> <td>A. Patent Application No.(s) <u>09-076525</u></td> <td>B. Patent No.(s)</td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				A. Patent Application No.(s) <u>09-076525</u>	B. Patent No.(s)
A. Patent Application No.(s) <u>09-076525</u>	B. Patent No.(s)				
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Pollock, Vande Sande & Priddy</u> Internal Address: <u>P.O. Box 19088</u> Street Address: <u>1990 M Street, N.W. Suite 800</u> City: <u>Washington State: D.C.</u> Zip: <u>20036</u></p>		<p>6. Total number of applications and patents involved <u>11</u></p> <p>7. Total fee (37 CFR 3.41).....\$<u>40</u> <u>E</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account No: <u>09-0456</u> (Attach duplicate copy of this page if paying by deposit account)</p>			
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PATENT
REEL: 9183 FRAME: 0852

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ASSIGNMENT

Whereas, we,

James A. Bruce
County of Chittenden

City of Williston
and State of Vermont

Jonathan D. Chapple-Sokol
County of Chittenden

City of Essex Junction
and State of Vermont

Charles W. Koburger, III
County of Fairfax

City of Vienna
and State of Virginia

Michael J. Lercel
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City of Williston
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Randy W. Mann
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City of Jericho
and State of Vermont

James S. Nakos
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City of Essex
and State of Vermont

John J. Pekarik
County of Chittenden

City of Underhill
and State of Vermont

Kirk D. Peterson
County of Chittenden

City of Essex Junction
and State of Vermont

Jed H. Rankin
County of Chittenden

City of Burlington
and State of Vermont

have invented certain improvements in

**Borderless Contact to Diffusion with Respect
to Gate Conductor and Methods for Fabricating**

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

- | | | | |
|-------------|-------------|-------------|-------------|
| (1) 4/30/98 | (2) 4/20/98 | (3) 5/8/98 | (4) 4/20/98 |
| (5) 4/20/98 | (6) 4/28/98 | (7) 4/28/98 | (8) 4/24/98 |
| (9) 4/24/98 | | | |

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter

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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

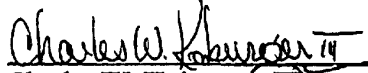
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on 4/30/98


James A. Bruce

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on 4/28/98


Jonathan D. Chapple-Sokol


(3) at Manassas, VA
on 5/8/98


Charles W. Koburger, II

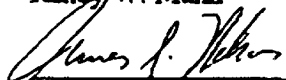
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(5) at Essex Junction, VT
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Randy W. Mann

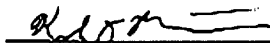
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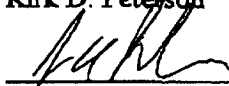
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John J. Pekarik

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Kirk D. Peterson

(9) at Essex Jct VT
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