

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>W. CALEB BARLOW</td> <td>12/14/2012</td> </tr> <tr> <td>JAMES E. CHRISTENSEN</td> <td>12/13/2012</td> </tr> <tr> <td>DAVID S. MARSHAK</td> <td>12/17/2012</td> </tr> <tr> <td>ANDREW L. SCHIRMER</td> <td>12/13/2012</td> </tr> <tr> <td>TRACEE L. WOLF</td> <td>12/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	W. CALEB BARLOW	12/14/2012	JAMES E. CHRISTENSEN	12/13/2012	DAVID S. MARSHAK	12/17/2012	ANDREW L. SCHIRMER	12/13/2012	TRACEE L. WOLF	12/13/2012
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<table border="1"> <tr> <td>Name:</td> <td>INTERNATIONAL BUSINESS MACHINES CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>NEW ORCHARD ROAD</td> </tr> <tr> <td>City:</td> <td>ARMONK</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	Street Address:	NEW ORCHARD ROAD	City:	ARMONK	State/Country:	NEW YORK	Postal Code:	10504		
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CORRESPONDENCE DATA													
Fax Number: 5614239297 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 561-801-7700 Email: ibmptomail@iplawpro.com Correspondent Name: Cuenot, Forsythe & Kim, LLC Address Line 1: 20283 State Road 7 Address Line 2: Ste. 300 Address Line 4: Boca Raton, FLORIDA 33498													
ATTORNEY DOCKET NUMBER:	CAM920120074US1_8150-0299												
NAME OF SUBMITTER:	MARK M. ZYLKA												

**Total Attachments: 15**

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**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

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Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;


Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents

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Signature:  Date: 12/14/12

(2) Legal Name of Inventor: **JAMES E. CHRISTENSEN**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: **DAVID S. MARSHAK**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**[ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]**

(4) Legal Name of Inventor: **ANDREW L. SCHIRMER**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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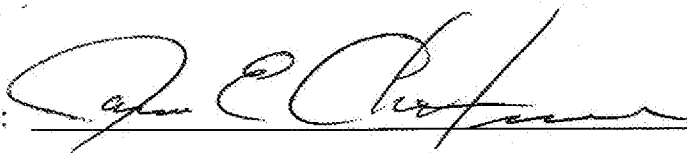
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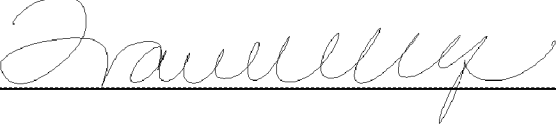
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