

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Bruce O. Anthony Jr.</td> <td>11/17/2011</td> </tr> <tr> <td>Ronald L. Billau</td> <td>11/18/2011</td> </tr> <tr> <td>Canio Cillis</td> <td>11/21/2011</td> </tr> <tr> <td>Vincenzo V. Di Luoffo</td> <td>11/20/2011</td> </tr> <tr> <td>Philip E. Grady</td> <td>11/17/2011</td> </tr> <tr> <td>Ravinder K. Sabhikhi</td> <td>01/12/2012</td> </tr> <tr> <td>Raj K. Singh</td> <td>11/17/2011</td> </tr> <tr> <td>George W. Van Leeuwen</td> <td>11/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	Bruce O. Anthony Jr.	11/17/2011	Ronald L. Billau	11/18/2011	Canio Cillis	11/21/2011	Vincenzo V. Di Luoffo	11/20/2011	Philip E. Grady	11/17/2011	Ravinder K. Sabhikhi	01/12/2012	Raj K. Singh	11/17/2011	George W. Van Leeuwen	11/17/2011
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RECEIVING PARTY DATA																			
<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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PROPERTY NUMBERS Total: 1																			
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CORRESPONDENCE DATA																			
Fax Number:	(507)253-2382																		
Phone:	507-253-4661																		
Email:	dapeters@us.ibm.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	IBM Corporation																		
Address Line 1:	3605 Highway 52 North																		
Address Line 2:	James R. Nock, Dept. 917																		
Address Line 4:	Rochester, MINNESOTA 55901																		

PATENT

ATTORNEY DOCKET NUMBER:	ROC920110187US1
NAME OF SUBMITTER:	James R. Nock
<p>Total Attachments: 18</p> <p>source=ROC920110187US1_SignedAssignment#page1.tif</p> <p>source=ROC920110187US1_SignedAssignment#page2.tif</p> <p>source=ROC920110187US1_SignedAssignment#page3.tif</p> <p>source=ROC920110187US1_SignedAssignment#page4.tif</p> <p>source=ROC920110187US1_SignedAssignment#page5.tif</p> <p>source=ROC920110187US1_SignedAssignment#page6.tif</p> <p>source=ROC920110187US1_SignedAssignment#page7.tif</p> <p>source=ROC920110187US1_SignedAssignment#page8.tif</p> <p>source=ROC920110187US1_SignedAssignment#page9.tif</p> <p>source=ROC920110187US1_SignedAssignment#page10.tif</p> <p>source=ROC920110187US1_SignedAssignment#page11.tif</p> <p>source=ROC920110187US1_SignedAssignment#page12.tif</p> <p>source=ROC920110187US1_SignedAssignment#page13.tif</p> <p>source=ROC920110187US1_SignedAssignment#page14.tif</p> <p>source=ROC920110187US1_SignedAssignment#page15.tif</p> <p>source=ROC920110187US1_SignedAssignment#page16.tif</p> <p>source=ROC920110187US1_SignedAssignment#page17.tif</p> <p>source=ROC920110187US1_SignedAssignment#page18.tif</p>	

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

**DATA BREAKOUT AT THE EDGE OF A MOBILE DATA NETWORK**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

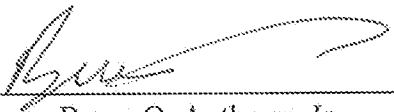
Application Number: 13/297,770

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Executed by Inventor 1 of 8

Signature:   
Bruce O. Anthony, Jr.

Date: 11-17-11

Executed by Inventor 2 of 8

Signature:   
Ronald L. Billau

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Signature: \_\_\_\_\_  
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Ronald L. Billau

Executed by Inventor 3 of 8

Signature: Canio Cillis Date: 21. Nov 2011  
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Philip E. Grady

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



IBM Docket No. ROC920110187US1

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Signature: Ravinder K. Sabhikhi Date: Jan 12, 2012  
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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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Philip E. Grady

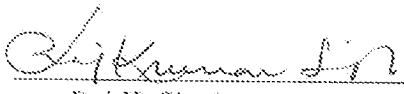
Date: \_\_\_\_\_

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Signature: \_\_\_\_\_  
Ravinder K. Sabhikhi

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

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Signature:  \_\_\_\_\_  
Raj K. Singh

Date: Nov. 17, 2011

Executed by Inventor 8 of 8

Signature: \_\_\_\_\_  
George W. Van Leeuwen

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