

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>Charles W. GAINEY, Jr.</td><td>11/29/2006</td></tr><tr><td>Colin B. VERRILLI</td><td>12/11/2006</td></tr></tbody></table>	Name	Execution Date	Charles W. GAINEY, Jr.	11/29/2006	Colin B. VERRILLI	12/11/2006	
Name	Execution Date						
Charles W. GAINEY, Jr.	11/29/2006						
Colin B. VERRILLI	12/11/2006						
RECEIVING PARTY DATA							
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION						
Street Address:	NEW ORCHARD ROAD						
City:	ARMONK						
State/Country:	NEW YORK						
Postal Code:	10504						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11621099</td></tr></tbody></table>	Property Type	Number	Application Number:	11621099			
Property Type	Number						
Application Number:	11621099						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Erin C. Ming						
Total Attachments: 2 source=RPS920060161US1_FiledAssignment#page1.tif source=RPS920060161US1_FiledAssignment#page2.tif							

CH 11621099 \$40.00

PATENT

500208606

REEL: 018769 FRAME: 0180

ASSIGNMENT

Whereas, I,

(1) **Charles W. GAINEY, JR.**City of **Poughkeepsie**
State of **NY**(2) **Colin B. VERRILLI**City of **Apex**
State of **NC**

have invented certain improvements in

TITLE **BROADCAST AND MULTICAST PACKET MANAGEMENT**

and executed a United States Patent Application therefor on the following date(s):

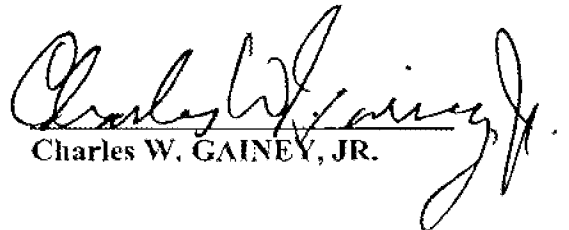
(1) 11/29, 2006

(2) _____, 2006

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 therefore;

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 inventions 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:

LOCATIONDATESIGNATURE(1) POUGHKEEPSIE, NY11/29/2006


Charles W. GAINEY, JR.

(2) _____

Colin B. VERRILLI

ASSIGNMENT

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(1) _____, 2006

(2) Dec 11, 2006

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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 inventions 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:

LOCATIONDATESIGNATURE

(1) _____

(2) RTP, NCDec 11th, 2006

Charles W. GAINES, JR.


Colin B. VERRILLI

PATENT

RECORDED: 01/17/2007

REEL: 018769 FRAME: 0182