

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAYMOND B JENNINGS III	07/28/2005
JASON D. LAVOIE	07/25/2005
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	1 New Orchard Road
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12164979
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<b>ATTORNEY DOCKET NUMBER:</b>	YOR920040414US2
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<b>SIGNATURE:</b>	/DIANA J. REA 54,938/
<b>DATE SIGNED:</b>	03/19/2014
<b>Total Attachments: 2</b>	
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source=YOR920040414US2_Assignment#page2.tif	

## Assignment

Whereas, we

INVENTOR  
AND CITY

(1) Raymond B. Jennings, III  
County of Westchester

of Ossining  
and State of New York

INVENTOR  
AND CITY

(2) Jason D. LaVoie  
County of Putnam

of Mahopac  
and State of New York

have invented certain improvements in

### METHOD AND APPARATUS FOR EFFICIENTLY EXPANDING A P2P NETWORK

and executed, respectively, a United States patent application therefore on

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

(1) Raymond B. Jennings III  
(2) Jason D. LaVoie,

November 24, 2004  
November 24, 2004

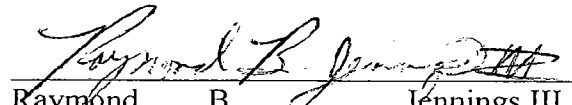
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called "IBM"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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

CITY AND  
DATE

(1) at *Hawthorne, NY*  
on *July 25*, 2005

  
Raymond B. Jennings III (Signature)  
FIRST NAME MIDDLE INITIAL LAST NAME (Inventor)

CITY AND  
DATE

Signed and sealed  
(2) at *Hawthorne, NJ*  
on *July 25*, 2005

*Jason*  
FIRST NAME

*D.*  
MIDDLE INITIAL

*LaVoie*  
LAST NAME

(Signature)  
(Inventor)