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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Rick A. HAMILTON II	11/07/2008
Michael J. OSIAS	12/10/2008
Brian W. SLEDGE	12/12/2008

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12334820

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ATTORNEY DOCKET NUMBER:	END920070464US1
NAME OF SUBMITTER:	Andrew M. Calderon

Total Attachments: 5

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PATENT REEL: 021986 FRAME: 0158

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> PATENT REEL: 021986 FRAME: 0159

IBM DOCKET NUMBER: END920070464US1

ASSIGNMENT

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

Title of the Invention: USE OF INFORMATION CHANNELS TO PROVIDE COMMUNICATIONS IN A VIRTUAL ENVIRONMENT

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:

Serial Number: 12/334,820 (insert series code and serial number here if/when available)

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

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[Inventor Signature Pages Follow]

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	Executed by 1	Inventor 1 of 4	****	
Signature: _	Christopher J. DAWSON	Date:	11 -	71-06

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ide Athan	Date Date	· Nov 7, 2008	
Rick A HAMILTON I	Date		

Executed by Inventor 2 of 4

IBM DOCKET NUMBER: END920070464US1

Executed by Inventor 3 of 4					
Signature:	Michael J OSIAS	Date: 12/10/08	_		

PATENT REEL: 021986 FRAME: 0163

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Executed by Inventor 4 of 4

Signature:

Brian W. SLEDGE

Date:

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