

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cary L Bates	05/06/2008
Jason J Illg	05/09/2008
Ruthie D Lyle	05/21/2008

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

Property Type	Number
Application Number:	12128715

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

ROC920080072US1

NAME OF SUBMITTER:

James R. Nock

Total Attachments: 4

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PATENT

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PATENT

REEL: 021012 FRAME: 0921

ASSIGNMENT

Whereas, we

- (1) Cary L. Bates, City of Rochester,
County of Olmsted and State of Minnesota,
(2) Jason J. Illg, City of Rochester,
County of Olmsted and State of Minnesota. and
(3) Ruthie D. Lyle, City of Durham,
County of Durham and State of North Carolina.

have invented certain improvements in

Effective Communication in Virtual Worlds

and have executed, respectively, a United States patent application therefor on

Date
Inventor (1) May 6, 2008
Signed
Declaration

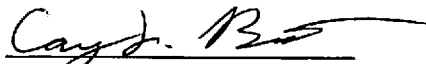
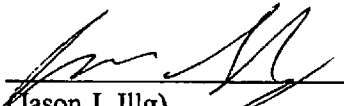
Date
Inventor (2) May 9, 2008.
Signed
Declaration

Date
Inventor (3) _____, 2008
Signed
Declaration

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 therefor;

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 in all foreign countries, including all rights to claim priority resulting from the filing of said United States application, and to any and all improvements which are disclosed in the application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention 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

Inventor	at <u>Rochester, Minnesota</u>		Inventor (1)
	on <u>5-6</u> , 2008.	(Cary L. Bates)	Signature
		First Name Middle Last Name	
Inventor	at <u>Rochester, Minnesota</u>		Inventor (2)
	on <u>5-9</u> , 2008.	(Jason J. Illg)	Signature
		First Name Middle Last Name	
Inventor	at <u>Durham, North Carolina</u>	_____	Inventor (3)
	on _____, 2008.	(Ruthie D. Lyle)	Signature
		First Name Middle Last Name	

ASSIGNMENT

Whereas, we

- (1) Cary L. Bates, City of Rochester,
County of Olmsted and State of Minnesota.
- (2) Jason J. Illg, City of Rochester,
County of Olmsted and State of Minnesota. and
- (3) Ruthie D. Lyle, City of Durham,
County of Durham and State of North Carolina.

have invented certain improvements in

Effective Communication in Virtual Worlds

and have executed, respectively, a United States patent application therefor on

Date
Inventor (1) _____, 2008
Signed
Declaration

Date
Inventor (2) _____, 2008.
Signed
Declaration

Date
Inventor (3) May 21, 2008
Signed
Declaration

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 therefor;

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 in all foreign countries, including all rights to claim priority resulting from the filing of said United States application, and to any and all improvements which are disclosed in the application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention 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

Inventor	at <u>Rochester, Minnesota</u>	_____	Inventor (1)
		(Cary L. Bates)	Signature
	on _____, 2008.	First Name Middle Last Name	
 Inventor	 at <u>Rochester, Minnesota</u>	 _____	 Inventor (2)
		(Jason J. Illg)	Signature
	on _____, 2008.	First Name Middle Last Name	
 Inventor	 at <u>Durham, North Carolina</u>	 _____	 Inventor (3)
	on <u>May 21</u> , 2008.	(Ruthie D. Lyle)	Signature
		First Name Middle Last Name	