## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

## **CONVEYING PARTY DATA**

Name	Execution Date
Rick Allen Hamilton II	08/13/2007
Brian Marshall O'Connell	08/13/2007
Clifford Alan Pickover	08/13/2007
Keith Raymond Walker	08/13/2007

### **RECEIVING PARTY DATA**

Name:	nternational 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:	11839898

## **CORRESPONDENCE DATA**

Fax Number: (512)823-1036

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5128230950

Email: pspears@us.ibm.com
Correspondent Name: David A. Mims, Jr.
Address Line 1: 11400 Burnet Road

Address Line 2: IBM- Intellectual Property Law

Address Line 4: Austin, TEXAS 78758

ATTORNEY DOCKET NUMBER:	AUS920070586US1	
NAME OF SUBMITTER:	David A. Mims, Jr.	

Total Attachments: 8

PATENT REEL: 019706 FRAME: 0022

500336139

\$40 00 00 source=AUS920070586US1Assignment#page1.tif source=AUS920070586US1Assignment#page2.tif source=AUS920070586US1Assignment#page3.tif source=AUS920070586US1Assignment#page4.tif source=AUS920070586US1Assignment#page5.tif source=AUS920070586US1Assignment#page6.tif source=AUS920070586US1Assignment#page7.tif source=AUS920070586US1Assignment#page8.tif

PATENT REEL: 019706 FRAME: 0023 JAN-2-1998 02:37A FROM: T0:15128231036 P:15/16

#### AUS920070586US1

#### ASSIGNMENT

Whereas, we,

(1) Rick Allen Hamilton II of Charlottesville
County of Albemarte of Virginia

(2) Brian Marshall O'Connell of Cary
County of Wake and State of North Carolina

(3) <u>Clifford Alan Pickover</u> of Yorktown Heights County of Westchester and State of New York

(4) Keith Raymond Walker of Austin County of Travis of Austin and State of Texas

have invented certain improvements in

# METHOD AND APPARATUS FOR PREDICTING AVATAR MOVEMENT IN A VIRTUAL UNIVERSE

and executed, respectively, a United S	states patent application therefore on
(Dates Inventors Signed Declaration	n) (1) Aug 13, (2007); (2), (2007)
(3), (2007); (4)	. (2007)

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 in all 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.

Page 1 of 2

(1)	Signed at <u>Cha</u>	dottenille, VA	on .	Aug 13th	, <b>2007</b> .
		(City)		(Date)	lo at
				•	Rick Allen Hamilton II
(2)	Signed at	(City)	on .	(Date)	, 2007.
				В	rian Marshall O'Connell
(3)	Signed at	(City)	on .	(Date)	, 2007.
					Clifford Alan Pickover
(4)	Signed at	(City)	on .	(Date)	, 2007.
					Keith Raymond Walker

## ASSIGNMENT

Whereas, we,

(1) Rick Allen Hamilton II
County of Albemarle

of Charlottesville and State of Virginia

(2) Brian Marshall O'Connell

County of Wake

of Cary

and State of North Carolina

(3) Clifford Alan Pickover
County of Westchester

of Yorktown Heights and State of New York

(4) Keith Raymond Walker

have invented certain improvements in

County of Travis

of Austin and State of Texas

# METHOD AND APPARATUS FOR PREDICTING AVATAR MOVEMENT IN A VIRTUAL UNIVERSE

and executed, respectively, a United States patent application therefore on							
(Dates Inven	ntors Signed Decl	aration) (1)	, (2007); (2)	8/13	_, (2007)		
(3)	, (2007); (4)	. (2007)			·		

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 in all 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.

Page 1 of 2

(1)	Signed at j		on _			, 2007.
		(City)			(Date)	
						Rick Allen Hamilton II
(2)	Signed at	Durham, NC. (City)	on _	8/13	(Date)	, 2007.
		(Ony)		Brion	mordel"	Otemel
						Brian Marshall O'Connell
(3)	Signed at		on _		(Date)	, 2007.
		(City)			(Date)	
					· · · · · · · · · · · · · · · · · · ·	Clifford Alan Pickover
(4)	Signed at		on			, 2007.
` ,		(City)	<u> </u>		(Date)	- <del>-</del> -
				<u></u>		Keith Raymond Walker

### ASSIGNMENT

Whereas, we,

(1) Rick Allen Hamilton II
County of Albemarie

of Charlottesville and State of Virginia

(2) Brian Marshall O'Connell County of Wake of Cary and State of North Carolina

(3) Clifford Alan Pickover County of Westchester

of Yorktown Heights and State of New York

(4) Keith Raymond Walker County of Travis of Austin and State of Texas

have invented certain improvements in

# METHOD AND APPARATUS FOR PREDICTING AVATAR MOVEMENT IN A VIRTUAL UNIVERSE

and executed, respectively, a United S	States pater	nt application therefore on	
(Dates Inventors Signed Declaration	n) (1)	, (2007); (2)	, (2007)
(3) AUG-13 (2007): (4)	. (2007)	·	

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.

Page 1 of 2

ΔI	189	200	ነፖብ	58	R١	121
_		<i></i> LIL	77 U		u,	

(1)	Signed at		on _		, 2007.
('')	O.g.104 51	(City)		(Date)	
					Rick Allen Hamilton II
(2)	Signed at _	(City)	on .	(Date)	_, 2007.
				E	Brian Marshall O'Connell
(3)	Signed at _	YORKTOWN HTS N.Y.	_on .	8-13 MAL/ (1/2)	., 2007.
	, <b>s</b>			<u> Myw (Den</u>	Clifford Alan Pickover
(4)	Signed at	(City)	_on	(Date)	_, 2007.
					Keith Raymond Walker

#### ASSIGNMENT

Whereas, we,

(1) Rick Allen Hamilton II of Charlottesville
County of Albemarle and State of Virginia

(2) Brian Marshall O'Connell of Cary

County of Wake and State of North Carolina

(3) Clifford Alan Pickover of Yorktown Heights
County of Westchester and State of New York

(4) Keith Raymond Walker of Austin

County of Travis and State of Texas

have invented certain improvements in

## METHOD AND APPARATUS FOR PREDICTING AVATAR MOVEMENT IN A VIRTUAL UNIVERSE

and executed, respectively, a United States patent ap	oplication therefore on	
(Dates Inventors Signed Declaration) (1)	, (2007); (2)	, (2007):
(3) , (2007); (4) <u>Aug. 13</u> , (2007)		

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 in all 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.

Page 1 of 2

PATENT REEL: 019706 FRAME: 0030

(1)	Signed at	(City)	on		, 2007.	
		(City)		(Date)		
			_		Rick Allen Ha	amilton II
(2)	Signed at	(City)	on	(Date)	, 2007.	
			_		Brian Marshall (	D'Connell
(3)	Signed at _	(City)	on	(Date)	, 2007.	
			_		Clifford Alan	Pickover
(4)	Signed at _	Austin (City)	on	Aug . 13 (Date)	, 2007.	
				Keith Paymone	Walter Keith Raymon	nd Walker

**RECORDED: 08/16/2007**