504219525 02/08/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN L. HASTINGS	08/05/2011
STEPHEN G. LATTA	08/05/2011
BENJAMIN I. VAUGHT	08/05/2011
DARREN BENNETT	08/05/2011

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	te/Country: WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14715199

CORRESPONDENCE DATA

Fax Number: (415)489-4150

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 415-489-4100

Email: Imiller@vierramagen.com, usdocket@microsoft.com

Correspondent Name: VIERRA MAGEN MARCUS LLP 575 MARKET STREET, SUITE 3750 Address Line 1: Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	MSFT-01487US1
NAME OF SUBMITTER:	GIDEON GIMLAN
SIGNATURE:	/Gideon Gimlan/
DATE SIGNED:	02/08/2017

Total Attachments: 4

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> **PATENT** REEL: 041207 FRAME: 0101 504219525

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PATENT REEL: 041207 FRAME: 0102 WE, Ryan L. Hastings, Stephen G. Latta, Benjamin I. Vaught and Darren Bennett ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PHYSICAL INTERACTION WITH VIRTUAL OBJECTS FOR DRM" ("APPLICATION"), which:

$\overline{\mathbf{V}}$	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR		
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, of		
	the Law and Corporate Affairs Department, Microsoft Corporation, One		
	Microsoft Way, Redmond, Washington 98052, who are associated with		
	customer number 47766, to insert here in parenthesis (Application		
	No. <u>13/212,673</u> , filed <u>August 18, 2011</u>) this		
	APPLICATION's Application No. and filing date, when known;		
	was filed on;		
	is filed concurrently herewith;		

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

and perfecting the to the Arreleation (and Arreleation Denivatives).		
Inventor's Signature	8/5/1/ Date	
Ryan L. Hastings		
Printed Name in English	Printed Name in Native Language (if other than English)	

Inventor's Signature

Stephen G. Latta

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: <u>332792.01</u>

MS Docket No.: <u>332792.01</u>

Inventor's Signature

Benjamin I. Vaught
Printed Name in English

Printed Name in Native Language (if

other than English)

MS Docket No.: <u>332792.01</u>

Darren Bennett
Printed Name in English
Printed Name in Native Language (if other than English)