504545045 09/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4591753

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY NEIL MARGOLIS	11/23/2016
MATTHEW CRISLER	02/18/2016

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15005702

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NAME OF SUBMITTER:	GIDEON GIMLAN
SIGNATURE:	/Gideon Gimlan/
DATE SIGNED:	09/13/2017

Total Attachments: 4

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PATENT 504545045 REEL: 043573 FRAME: 0338

PATENT ASSIGNMENT Docket No.: 358408.01

joint inventor of subje	ct matter ("INVENTION") (Frame Projection For /	am the original inventor or an origina disclosed and/or claimed in a paten Augmented Reality Environments
ASSIGNEE' LLC, One I LEGAL RE on the follow	S legal representative, M Microsoft Way, Redmond, PRESENTATIVES), to inse and given Ap wing Office	oy authorizes, and requests, licrosoft Technology Licensing, Washington 98052 (ASSIGNEE'S ert here in parentheses (filed oplication No
	on <u>January 25, 2016</u> and w	
		the following Office " <u>U.S.</u>
<u>Patent & 1</u>	rademark Office ";	
behalf of itself and its su of acquiring, the entire priority, in the INVENTION derived therefrom, such	accessors and assigns ("AS and exclusive rights, tit ON and the APPLICATION (as continuing application	ashington limited liability company, or SSIGNEE"), is entitled to, and is desirous le and interest, including the right of (and all other applications and patents ons, in whole or in part, in and for the tries ("APPLICATION DERIVATIVES"));
ASSIGNOR hereby	authorizes, and requests	s, ASSIGNEE'S LEGAL REPRESENTATIVES
to insert the Application	n No., filing date, and C	Office into the following table for any
	/ES after they are known;	
Application No.	Filing Date	Office

Page 1 of 2

PATENT ASSIGNMENT

Docket No.: 358408.01

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

inventor's Signature,

Jeffrey Neil Margolis

Printed Name in English

1/23/2016

Date

Printed Name in Native Language

(if other than English)

PATE	NT ASSIGNMENT	Docket No.: 3584	<u> 108.01</u>
inventor of subject matte	er ("INVENTION") disclo	e original inventor or an origin osed and/or claimed in a gmented Reality Environme	paten
ASSIGNEE'S le LLC, One Micr LEGAL REPRE on the following	gal representative, Microsoft Way, Redmond, Wasert SENTATIVES), to insertand given Application Office	authorizes, and requests, rosoft Technology Licensing, ashington 98052 (ASSIGNEE'S here in parentheses (filed ication No) this date, and Office, when known;	
No <u>15/005,</u>	anuary 25, 2016 and was 702 by themark Office ";	s given Application ne following Office " <u>U,S.</u>	
behalf of itself and its succe of acquiring, the entire an priority, in the INVENTION a derived therefrom, such as United States, its territories ASSIGNOR hereby au	ssors and assigns ("ASSM d exclusive rights, title and the APPLICATION (ar continuing applications , and all foreign countrie thorizes, and requests, A lo., filing date, and Offi	nington limited liability compa GNEE"), is entitled to, and is do and interest, including the r and all other applications and p , in whole or in part, in and es ("APPLICATION DERIVATIVE ASSIGNEE'S LEGAL REPRESENT ce into the following table f	esirous ight of patents for the (S"));
Application No.	Filing Date	Office	

Page 1 of 2

PATENT ASSIGNMENT

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

116-6	2/18/2016
Ínventor's Signature	Date
Matthew Crisler	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Docket No.: <u>358408.01</u>