505982465 03/24/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6029173

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHEL PAHUD	06/15/2017
NATHALIE RICHE	06/15/2017
EYAL OFEK	06/19/2017
CHRISTOPHE HURTER	06/06/2017

### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16812061

# **CORRESPONDENCE DATA**

Fax Number: (816)421-5547

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: 2063447635 Email: kolivas@shb.com

**Correspondent Name:** SHOOK, HARDY & BACON L.L.P.

Address Line 1: 701 5TH AVE #6800

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	401915-US-NP/MFCP.272660	
NAME OF SUBMITTER:	KARLA OLIVAS	
SIGNATURE:	/Karla Olivas/	
DATE SIGNED:	03/24/2020	

#### **Total Attachments: 8**

source=339964\_Assignment#page1.tif source=339964 Assignment#page2.tif source=339964\_Assignment#page3.tif

> **PATENT** REEL: 052213 FRAME: 0106 505982465

source=339964_Assignment#page4.tif	
source=339964_Assignment#page5.tif	
source=339964_Assignment#page6.tif	
source=339964_Assignment#page7.tif	
source=339964_Assignment#page8.tif	

PATENT REEL: 052213 FRAME: 0107

# PATENT ASSIGNMENT

I <u>Michel PAHUD</u> ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "DISPLACEMENT ORIENTED INTERACTION IN COMPUTER-MEDIATED
REALITY" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on and given Application No by the following Office US - United States
Patent and Trademark Office) this APPLICATION's Application No.,
filing date, and Office, when known;
was filed on June 15, 2017 and was given Application No

Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office
16812061	2020-03-06	United States Patent and Trademark Office

Attorney Docket No.: 401915-US-NP/MFCP.272660

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")):

<del>21111</del>	6/15/2017	
Inventor's Signature	Date	
Michel PAHUD		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

given

# PATENT ASSIGNMENT

I <u>Nathalie RICHE</u> ("ASSIGNOR") am the original inventor or an original join	ŧ
inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten	ţ
application entitled " <u>DISPLACEMENT ORIENTED INTERACTION IN COMPUTER-MEDIATED</u>	2
REALITY" ("APPLICATION"), which:	
$\square$ will be filed. ASSIGNOR hereby authorizes, and requests,	
ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555	
Grand Blvd., Kansas City, Missouri 64108–2613 (ASSIGNEE'S LEGAL	

REPRESENTATIVES), to insert here in parentheses

on

No. \_\_\_\_\_ by the following Office <u>US - United States</u>

<u>Patent and Trademark Office</u>) this APPLICATION's Application No.,
filing date, and Office, when known;

and

was filed on June 15, 2017 and was given Application No 15/624,463 by the following Office "US – United States Patent and Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office
16812061	2020-03-06	United States Patent and Trademark Office

(filed

Application

 ·	

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"));

	6/15/2017
Inventor's Signature	Date
Nathalie RICHE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT

I <u>Eyal OFE</u>	K ("ASSIGNOR	") am the original	inve	ntor or an original joint i	nventor of
subject matter ('	"INVENTION")	disclosed and/or	claim	ned in a patent application	on entitled
"DISPLACEMENT	ORIENTED	INTERACTION	IN	COMPUTER-MEDIATED	REALITY"
("APPLICATION")	, which:				
[]	\$ \$ #^n K H	100101100			

 will	be	filed.	ASSIGN	IOR	hereby	autho	rizes,	and	req	uests,
ASSI	GNEI	E'S legal	represe	ntativ	e, Shoo	k, Hard	y & Ba	con L.I	P.,	2555
Gran	d Bl	vd., Kan	sas City,	Miss	ouri 64	108-26	13 (AS	SIGNE	E'S	LEGAL
REPR	RESE	NTATIVE	S), to	inse	ert he	re in	pare	enthes	es	(filed
on				******	and	9	jiven	Α	ppli	cation
No.					by	,	the		foll	owing
Offic	ce _					)	this	APPLI	CAT	ΠΟΝ's
Appl	icati	on No.,	filing da	te, an	d Office	, when	know	n;		

was filed on June 15, 2017 and was given Application No

15/624,463 by the following Office "US – United States Patent and Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office
16812061	2020-03-06	United States Patent and Trademark Office

Attorney Docket No.: 401915-US-NP/MFCP.272660

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"));

ATT	6/19/17
Inventor's Signature	Date
Eyal OFEK	אייל אופַק
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT

l <u>Christophe</u> l	<u>HURTER</u> ("AS	SSIGNOR") am	the origin	al invent	or or an c	origina	l joint
inventor of subject	matter ("	INVENTION")	disclosed	and/or	claimed i	in a p	oatent
application entitled '	<u>'DISPLACEM</u>	ENT ORIENTEI	D INTERACT	TION IN (	COMPUTER	₹-MED	<u>IATED</u>
<u>REALITY</u> " ("APPLICAT	ION"), which	1:					

will	be	filed.	ASSIGI	VOR	hereby	/ aı	ıthori	zes,	and	rec	uests,
ASSI	GNE	E'S legal	represe	ntati	ve, Sho	ok, F	łardy	& Ba	con L	L.P.	, 2555
Grar	id Bl	vd., Kan	sas City	, Miss	souri 64	108	-261	3 (AS	SIGNI	EE'S	LEGAL
REPF	RESE	NTATIVE	S), to	ins	ert h	ere	in	pare	enthes	ses	(filed
on			*******	******	an	d	gi	ven	Δ	۱ppli	cation
No.			by	the	followii	ng C	ffice	US	<u>    Uni</u>	ted	<u>States</u>
<u>Pate</u>	nt ai	<u>nd Trade</u>	<u>emark O</u>	ffice)	) this A	PPLI(	CATIC	N's .	Applio	atio	n No.,
filing	g dat	e, and C	Office, w	hen k	known;						

was filed on June 15, 2017 and was given Application No

15/624,463 by the following Office "US – United States Patent and

Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office
16812061	2020-03-06	United States Patent and Trademark Office

Attorney Docket No.: 401915-US-NP/MFCP.272660

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"));

July - Ju	06/06/2017
Inventor's Signature	Date
Christophe HURTER	
Printed Name in English	Printed Name in Native Language
	(if other than English)