507600041 11/15/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7646932

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADDISON KENAN LINVILLE	04/22/2019
JAROD WAYNE LENZ ERWIN	04/19/2019
DONG YOON PARK	04/22/2019

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:	18055791

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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.

4257079382 Phone:

Email: usdocket1@microsoft.com MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	406034-US-CNT
IAME OF SUBMITTER: CATHERINE POLANCE	
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	11/15/2022

Total Attachments: 6

source=2022-11-15 Assignment (inventors to MTL) 406034-US-CNT#page1.tif source=2022-11-15 Assignment (inventors to MTL) 406034-US-CNT#page2.tif source=2022-11-15 Assignment (inventors to MTL) 406034-US-CNT#page3.tif source=2022-11-15 Assignment (inventors to MTL) 406034-US-CNT#page4.tif

PATENT 507600041

REEL: 061783 FRAME: 0075

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PATENT REEL: 061783 FRAME: 0076

PATENT ASSIGNMENT

MS Docket No.: 406034-US-NP

I <u>Addison Kenan LINVILLE</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISPLAYING HOLOGRAMS VIA HAND LOCATION</u>" ("APPLICATION"), which:

will be	filed.	ASSIGNOR	hereby	authori:	zes, an	d requ	iests,
ASSIGNE	E'S lega	l representa	tive, Mic	rosoft Te	chnolog	y Licen	ısing,
LLC, One	Micros	oft Way, Red	mond, W	ashingtor	n 98052	(ASSIG	NEE'S
LEGAL RE	EPRESEN	ITATIVES), to	insert he	re in par	entheses	(filed	on
April 22,	2019	and give	n Applica	ation No.	16/391,	048	by
the follow	wing Of	fice U.S. Pa	tent and	Trademar	k Office	~~~~) this
APPLICAT	TION's	Application	No., fili	ng date,	and C	office,	when
known;							
was filed	on		and was	given Apı	olication	No	
				* * *		, m,	
	ASSIGNED LLC, One LEGAL RE April 22, the follow APPLICATE known;	ASSIGNEE'S legal LLC, One Micros LEGAL REPRESEN April 22, 2019 the following Of APPLICATION's known;	ASSIGNEE'S legal representa LLC, One Microsoft Way, Red LEGAL REPRESENTATIVES), to April 22, 2019 and give the following Office U.S. Parapplication known;	ASSIGNEE'S legal representative, Mic LLC, One Microsoft Way, Redmond, W LEGAL REPRESENTATIVES), to insert he April 22, 2019 and given Application of the following Office U.S. Patent and APPLICATION's Application No., fili known; was filed on and was	ASSIGNEE'S legal representative, Microsoft TeLLC, One Microsoft Way, Redmond, Washington LEGAL REPRESENTATIVES), to insert here in para April 22, 2019 and given Application No. the following Office U.S. Patent and Trademar APPLICATION's Application No., filing date, known; was filed on and was given Application	ASSIGNEE'S legal representative, Microsoft Technolog LLC, One Microsoft Way, Redmond, Washington 98052 LEGAL REPRESENTATIVES), to insert here in parentheses April 22, 2019 and given Application No. 16/391, the following Office U.S. Patent and Trademark Office APPLICATION's Application No., filing date, and C known; was filed on and was given Application	was filed on and was given Application No

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
18/055,791	, , , , , , , , , , , , , , , , , , , ,	U.S. Patent and Trademark Office
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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	<u>4/27/2019</u> Date
Addison Kenan LINVILLE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Jarod Wayne LENZ ERWIN</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISPLAYING HOLOGRAMS VIA HAND LOCATION</u>" ("APPLICATION"), which:

MS Docket No.: 406034-US-NP

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed on
	April 22, 2019 and given Application No. 16/391,048 by
	the following Office U.S. Patent and Trademark Office) this
	APPLICATION's Application No., filing date, and Office, when
	known;
	was filed on and was given Application No
	by the following 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")):

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18/055,791	November 15, 2022	U.S. Patent and Trademark Office

Page 1 of 2

PATENT REEL: 061783 FRAME: 0079 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"));

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	4-19-2019
Inventor's Signature	Date
Jarod Wayne LENZ ERWIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

l <u>Do</u> i	ng Yoon	PARK ("A	ASSIGNOR") a	m the origir	al invent	or or an	origin	al joint
inventor of	f subject	matter	("INVENTION	l") disclosed	and/or	claimed	in a	patent
application	entitled '	' <u>DISPLAY</u>	ING HOLOGRA	AMS VIA HAI	ND LOCA	<u>ΓΙΟΝ</u> " ("Α	PPLIC <i>A</i>	ATION"),
which:								

MS Docket No.: 406034-US-NP

\boxtimes	will	be	filed.	ASSIGNOR	her	eby a	uthoriz	es,	and	requ	uests,
	ASSI	GNE	E'S lega	al representa	ıtive,	Micros	oft Te	chnol	ogy L	icer	ısing,
	LLC,	One	Micros	oft Way, Rec	lmond	l, Wash	nington	9805	52 (AS	SSIG	NEE'S
	LEGA	AL RE	EPRESEN	NTATIVES), to	inser	t here	in pare	enthes	ses (fi	led	on
	<u>Apri</u>	I 22,	2019	and give	en Apı	plicatio	n No.	16/39	<u>1,048</u>	ı	by
	the f	follo	wing Of	ffice <u>U.S. Pa</u>	tent aı	nd Trac	<u>demark</u>	Offic	e) this
	APPL	-ICA	ΓΙΟΝ's	Application	No.,	filing	date,	and	Offic	ce,	when
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	was	filed	on		and v	vas giv	en App	olicati	on No)	
	by th	ne fo	llowing	Office "						".	

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Inventor's Signature	Date 9
Dong Yoon PARK Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 11/15/2022