PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7502244

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES WALTER BOECKER	12/30/2021
NIRANJAN ACHUGUNDLA PUTTASWAMY	12/30/2021
BARRY THOMPSON	12/30/2021
SHEETHAL SOMESH NAYAK	12/30/2021
JEFFREY NEIL MARGOLIS	04/22/2022
CHUAN PU	12/30/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17646660

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.

Phone: 4257079382

Email: USDocket@microsoft.com

MICROSOFT TECHNOLOGY LICENSING, LLC **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

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

ATTORNEY DOCKET NUMBER:	410709-US-NP	
NAME OF SUBMITTER: VLADIMIR A. KOZYREV		
SIGNATURE: /VLADIMIR A. KOZYREV/		
DATE SIGNED: 08/24/2022		

Total Attachments: 12

PATENT REEL: 060887 FRAME: 0349

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PATENT REEL: 060887 FRAME: 0350

PATENT ASSIGNMENT

MS Docket No.: 410709-US-NP

	matter ("INVENTION"	am the original inventor of disclosed and/or claimed PLICATION"), which:	
ASSIGNEE'S LLC, One M LEGAL REPR December 30 the followin	legal representative, icrosoft Way, Redmond ESENTATIVES), to insel 2021 and given Ap g Office US – United St	reby authorizes, and red Microsoft Technology Lice d, Washington 98052 (ASSI) rt here in parentheses (filed plication No. 17/646,660 ates Patent and Trademark No., filing date, and Office	ensing, GNEE'S I on by Office)
		was given Application No	t. ,
behalf of itself and its suc of acquiring, the entire in priority, in the INVENTION derived therefrom, such United States, its territorial ASSIGNOR hereby	cessors and assigns ("and exclusive rights, to and the APPUCATION as continuing applicat es, and all foreign cou authorizes, and reques	Washington limited liability ASSIGNEE"), is entitled to, and title and interest, including N (and all other application tions, in whole or in part, intries ("APPLICATION DERINATION DERINA	nd is desirous If the right of If and patents If and for the VATIVES'); RESENTATIVES
APPLICATION DERIVATIVE	•	·	tame for any
Application No.	Filing Date	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"));

Walden Belg	12/30/2021
Inventor's Signature	Date /
Charles Walter BOECKER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	MS Docket No.: <u>410709-US-NP</u>
I <u>Niranjan Achugundla PUTTASWAMY</u> an original joint inventor of subject matter (" patent application entitled " <u>MICRO-LED DISPI</u>	
ASSIGNEE'S legal representativ LLC, One Microsoft Way, Redmo LEGAL REPRESENTATIVES), to in December 30, 2021 and given the following Office <u>US – Un</u>	nereby authorizes, and requests, e, Microsoft Technology Licensing, and, Washington 98052 (ASSIGNEE'S sert here in parentheses (filed on Application No. 17/646,660 by ited States Patent and Trademark lication No., filing date, and Office,
was filed on an by the following Office "	
Microsoft Technology Licensing, LLC, behalf of itself and its successors and as desirous of acquiring, the entire and exclus right of priority, in the INVENTION and the A patents derived therefrom, such as continuing the United States, its territories, and DERIVATIVES"));	ive rights, title and interest, including the PPLICATION (and all other applications and ag applications, in whole or in part, in and
ASSIGNOR hereby authorizes, REPRESENTATIVES to insert the Applicatio	•

۱L e following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

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

Date

Niranjan Achugundla PUTTASWAMY

Printed Name in English

Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 410709-US-NP

inventor of subject application entitled	. matter ("INVENTION") dis <u>MICRO-LED DISPLAY</u> " ("APPL	original inventor or an original josclosed and/or claimed in a pate JCATION"), which:	
LLC, O	IEE'S legal representative, N ne Microsoft Way, Redmond, REPRESENTATIVES), to insert	by authorizes, and requests, Vicrosoft Technology Licensing, Washington 98052 (ASSIGNEE'S here in parentheses (filed on lication Noby	
the fo	offowing Office		
	ATION's Application No., 1	filing date, and Office, when	
17/646	ed on <u>December 30, 2021</u> an <u>5,660</u> by the following Office park Office":	nd was given Application No : " <u>US – United States Patent and</u>	
behalf of itself and desirous of acquiring right of priority, in the patents derived therefor the United Statement (Control of the United Statement);	its successors and assign g, the entire and exclusive r ne INVENTION and the APPLIC efrom, such as continuing a stes, its territories, and a	ashington limited liability company, is ("ASSIGNEE"), is entitled to, and rights, title and interest, including to CATION (and all other applications a pplications, in whole or in part, in a all foreign countries ("APPLICATION)	is the nd nd ON
		d requests, ASSIGNEE'S LEG Io., filing date, and Office into t	
following table for an	1y APPLICATION DERIVATIVES	S after they are known;	
Application No.	Filing Date	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"));

Bu A	12/30/2(
Inventor's Signature	Date
Barry THOMPSON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT AS	SSIGNMENT	MS Docket No	o.: <u>410709-US-NP</u>
joint inventor of s application entitled will ASSIC LLC, (LEGAL the	ubject matter ("INVENTION of "MICRO-LED DISPLAY" (" be filed. ASSIGNOR of the filed. ASSIGNOR of the filed. ASSIGNOR of the filed of the following of the filed o	ON") disclosed and APPLICATION"), hereby authorized, Microsoft Tond, Washingtonsert here in pair Application No.	izes, and requests, fechnology Licensing, on 98052 (ASSIGNEE'S rentheses (filed on by) this
17/64	iled on <u>December 30, 202</u> 4 <u>6,660</u> by the following C emark Office";		
behalf of itself an desirous of acquiri right of priority, in patents derived the	nd its successors and asing, the entire and excluthe the INVENTION and the Appeare from, such as continuity	ssigns ("ASSIGN sive rights, title APPLICATION (ar ng applications	limited liability company, or IEE"), is entitled to, and is and interest, including the nd all other applications and s, in whole or in part, in and n countries ("APPLICATION
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MS Docket No.: <u>410709-US-NP</u>

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"));

2/8000	30 Att 2021
Inventor's Signature	Date
Sheethal Somesh NAYAK	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.:	410709-US-NP

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I <u>Jeffrey Neil MARGOLIS</u> (inventor of subject matter (application entitled " <u>MICRO-LEI</u>	"INVENTION") disclosed	•
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT ————————————————————————————————————	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part and given Application Moffice	Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on local
	<u>mber 30, 2021</u> and was gi e following Office " <u>US – Uı</u> ;	
behalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio territories, and all forei authorizes, and requ	tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
REPRESENTATIVES to insert to following table for any APPLICA		_
Application No.	Filing Date	Office

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).

Jeffrey Neil MARGOLIS

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

MS Docket No.: <u>410709-US-NP</u>

subject matt		isclosed and/or claimed i	or an original joint inventor of n a patent application entitled
	will be filed. ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in pand given Application Notice	Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No by
		pplication No., filing da	
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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"));

A. A.	12/30/202)
Inventor's Signature	Date
Chuan PU	满 "
Printed Name in English	Printed Name in Native Language
	(if other than English)