507946154 06/07/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7993287

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DMITRY RESHIDKO	01/18/2022
BERNARD CHARLES KRESS	02/22/2022
ISHAN CHATTERJEE	01/18/2022

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18330448

CORRESPONDENCE DATA

Fax Number:

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.

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	410878-US-DIV		
NAME OF SUBMITTER:	SUSAN FORMICOLA		
SIGNATURE: /susan formicola/			
DATE SIGNED:	06/07/2023		

Total Attachments: 6

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PATENT 507946154 REEL: 063877 FRAME: 0822

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PATENT REEL: 063877 FRAME: 0823

I <u>Dmitry Reshidko (</u> "ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled TIR PRISMS AND USE OF BACKLIGHT FOR LCOS MICRODISPLAY
ILLUMINATION " ("APPLICATION"),which:
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 January
<u>20, 2022</u> and given Application No. <u>17/580,421</u> by the
following Office <u>US – United States Patent and Trademark Office</u>)this
APPLICATION's Application No., filing date, and Office, when known;
\square was filed onand 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"));

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	

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).

THE PARTY OF THE P	
Inventor's Signature	1/13/22 Date/
Dmitry RESHIDKO Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 410878-US-NP

I	Ish	an (Chat	terje	e ("A	SSIC	SNOF	l") am	n the	e orig	jinal	inver	nto	rora	an	orig	jina	l joint
inventor	of	sul	bject	ma	atter	("IN	IVEN.	TION'	") di	sclos	ed a	and/o	r	claim	ed	in	a	patent
application	on e	enti	tled	TIR	PRIS	MS	AND	USE	OF	BACK	(LIGI	HT FC	OR	LCOS	М	ICR	OD	ISPLAY
ILLUMINA	ATIO)N "	("AP	PLIC	ATIO	N"),	whic	h:										

\times		GNOR hereby authorizes, and requests, ASSIGNI	
	legal representat	ive, Microsoft Technology Licensing, LLC., () ne
	Microsoft Way, R	edmond, Washington 98052 (ASSIGNEE'S LEG	GAL
		•	iled
	on January 20, 2	222 and given Application No. 17/580,421	by
	the following	Office United States Patent Office	this
	APPLICATION's A	oplication No., filing date, and Office, when kno	wn;
	was filed on	and was given Application	
	No	by the following Office	
	"	".	

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Inventor's Signature	Jan 18, 2022
Inventor's Signature	Date
Ishan CHATTERJEE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

joint inventor application en	of subject matte	r ("INVENTION") disclosed S AND USE OF BACKLIGH	iginal inventor or an original and/or claimed in a patent
le M R o ti	egal representativ licrosoft Way, Re EPRESENTATIVES) n he following (and given Application	Licensing, LLC., One 52 (ASSIGNEE'S LEGAL parentheses (filed No by)this
N		y 20, 2022and was given by the following Office ark Office";	• •
behalf of itself of acquiring, t priority, in the derived therefi United States,	and its successors he entire and ex- INVENTION and to rom, such as cont its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh all foreign countries ("API	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
to insert the A	•	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application No	Э.	Filing Date	Office
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PATENT ASSIGNMENT

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	02/22/22	
Inventor's Signature	Date	
Bernard Charles KRESS		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	