### 505221133 12/05/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MATTHEW RICHARD WOZNIAK	11/28/2018
MEHMET KUCUKGOZ	11/29/2018
HOLLY HELENE POLLOCK	11/30/2018
IAN GLEN NEAL	11/29/2018
RAFAEL VINCENT PRIETO VERTIDO	11/29/2018

#### **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:	16210578	

#### **CORRESPONDENCE DATA**

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**Email:** usdocket@microsoft.com

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Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: REDMOND, WASHINGTON 98052

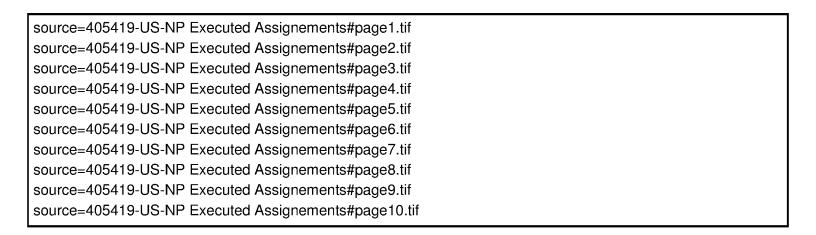
ATTORNEY DOCKET NUMBER:	405419-US-NP	
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV	
SIGNATURE:	/VLADIMIR A. KOZYREV/	
DATE SIGNED:	12/05/2018	

**Total Attachments: 10** 

PATENT REEL: 047681 FRAME: 0892

EPAS ID: PAT5267901

505221133



PATENT REEL: 047681 FRAME: 0893

# PATENT ASSIGNMENT

MS Docket No.: <u>405419-US-NP</u>

l <u>Matthew Richard WOZ</u>	NIAK ("ASSIGNOR") am the	e original inventor or an original
joint inventor of subject mat	tter ("INVENTION") disclos	sed and/or claimed in a patent
application entitled " <u>USE</u>	R-SPECIFIC VIDEO F	
("APPLICATION"), which:		RAME BRIGHTNESS FILTER"
LLC, One Microse LEGAL REPRESEN December 5, 201 the following Off	I representative, Microso	No. <u>16/210,578</u> by
was filed on by the following	and was giver Office "	Application No
desirous of acquiring, the enti- right of priority, in the INVENT patents derived therefrom, suc	essors and assigns ("ASS ire and exclusive rights, to ION and the APPLICATION the as continuing applications	on limited liability company, on IGNEE"), is entitled to, and is title and interest, including the (and all other applications and ons, in whole or in part, in and eign countries ("APPLICATION
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	authorizes, and req	in date and Office into the
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"));

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	11/28/2018 Date
Matthew Richard WOZNIAK	
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of	net KUCUKGOZ ("A! subject matter ("I entitled <u>"USER-</u> N"), which:	NVENTION") (	disclosed an	ıd/or claimed	in a patent
	will be filed. ASSIGNEE'S legal ( LLC, One Microsof LEGAL REPRESENT/ December 5, 2018	representative, t Way, Redmor ATIVES), to inse	Microsoft 7 id, Washingto ert here in pa	Fechnology Lice on 98052 (ASSIC arentheses (filed	nsing, GNEE'S I on
	the following Offic APPLICATION's A known;	:e			_) this
	was filed on by the following C	and	was given A	opplication No	;
behalf of it desirous of right of pric patents der	soft Technology Lic self and its succe acquiring, the enti writy, in the INVENTI ived therefrom, suc nited States, its S"));	ssors and ass re and exclusi ON and the AF h as continuin	igns ("ASSIG ve rights, tit PLICATION ( g application	NEE"), is entitle le and interest, and all other ap 15, in whole or i	ed to, and is including the plications and in part, in and
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Application		Filing Date		Office	
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Page 1 of 2

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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Inventor's Signature

Date

Mehmet KUCUKGOZ

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT MS Docket No.: 405419-US-NP 1 Holly Helene POLLOCK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent "USER-SPECIFIC VIDEO FRAME BRIGHTNESS FILTER" entitled application ("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 December 5, 2018 and given Application No. 16/210,578 the following 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")); 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;

Filing Date	Office	
	i.	
	Filing Date	Filing Date Office

MS Docket No.: <u>405419-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"));

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Voelly Pallach	11/3)/18
Inventor's Signature	Date
Holly Helene POLLOCK	Holly Kelene Pollock
Printed Name in English	Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

MS Docket No.: 405419-US-NP

LATENT ASSIGNME	2141	
l <u>Ian Glen NEAL</u> ("A'	SSIGNOR") am the origin	al inventor or an original join
inventor of subject matte	r ("INVENTION") disclosed	d and/or claimed in a paten
application entitled "US	SER-SPECIFIC VIDEO	FRAME BRIGHTNESS FILTER
("APPLICATION"), which:		
	ASSIGNOR hereby at	ıthorizes, and requests,
ASSIGNEE'S leg	gal representative, Micros	oft Technology Licensing,
LLC, One Micro	soft Way, Redmond, Wash	ington 98052 (ASSIGNEE'S
LEGAL REPRESE	NTATIVES), to insert here	in parentheses (filed on
		n No. 16/210,578 by
the following C	Office	) this
APPLICATION's	Application No., filing	date, and Office, when
known;		
was filed on	and was give	en Application No
by the followin	g Office "	35 <u>.</u>
right of priority, in the INVER patents derived therefrom, for the United States, it DERIVATIVES"));	NTION and the APPLICATIO such as continuing applica s territories, and all fo	title and interest, including the N (and all other applications and tions, in whole or in part, in and treign countries ("APPLICATION")
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following table for any APPL	Filing Date	Office
Application No.	rning 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"));

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Inventor's Signature

Date

Ian Glen NEAL

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMEN	T MS Docket	No.: <u>405419-US-NP</u>
I <u>Rafael Vincent Prieto</u>	<u>VERTIDO</u> ("ASSIGNOR") an	n the original inventor or ar
original joint inventor of subje	ect matter ("INVENTION") o	disclosed and/or claimed in a
patent application entitled ("APPLICATION"), which:	" <u>USER-SPECIFIC VIDEO I</u>	FRAME BRIGHTNESS FILTER
<u></u>	ACCICNOD howeby outh	
	ASSIGNOR hereby authorized Misrosoft	
	representative, Microsoft	3,
•	ft Way, Redmond, Washing	•
LEGAL KEPKESEN I December 5. 201	TATIVES), to insert here in $\mu$	Darentheses (filed on 16/210 578
# - fall	$\frac{8}{8}$ and given Application N	10. 10/2:10,0/0 py
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	Application No., filing da	ite, and Office, when
known;		
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	and was given /	Application No
by the following (	Office "	". 
<del>-</del> •	<u> </u>	n limited liability company, or
behalf of itself and its succe		
desirous of acquiring, the enti	re and exclusive rights, tit	tle and interest, including the
right of priority, in the INVENTI	ON and the APPLICATION (	(and all other applications and
patents derived therefrom, suc	h as continuing application	ns, in whole or in part, in and
for the United States, its	territories, and all forei	gn countries ("APPLICATION
DERIVATIVES"));		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert t	he Application No., filing	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	iey are known;
Application No.	Filing Date	Office

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Paful Vincent Prieto Vertido	11/29/2018
Inventor's Signature	Date
Rafael Vincent Prieto VERTIDO	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

**RECORDED: 12/05/2018** 

PATENT REEL: 047681 FRAME: 0903