504653917 11/21/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER JOHN MCMILLAN	11/21/2017
RAYMOND KIRK PRICE	11/21/2017

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:	15820406

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	403190-US-NP / 170101-014
NAME OF SUBMITTER:	AISHA A. MOINUDDIN
SIGNATURE:	/Aisha A. Moinuddin/
DATE SIGNED:	11/21/2017

Total Attachments: 4

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PATENT 504653917 REEL: 044196 FRAME: 0145

MS Docket No.: 403190-US-NP NovoTechIP Docket No.: 170101-014

I <u>Christopher John MCMILLAN</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>OPTICAL ISOLATION SYSTEMS FOR DISPLAYS</u>" ("APPLICATION"), which:

\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 November 21, 2017 and given Application No. 15/820,406 by the
	following Office United States Patent & Trademark Office) this APPLICATION'S
	Application No., filing date, and Office, when known;
	was filed on and was given Application
	Noby 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	
	***************************************	***************************************

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"));

MS Docket No.: 403190-US-NP NovoTechIP Docket No.: 170101-014

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

Christopher John MCMILLAN

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

MS Docket No.: 403190-US-NP NovoTechIP Docket No.: 170101-014

I	Ray	mond	Kirk F	RICE	("ASSIC	GNOR")	am I	the origi	inal inve	entor o	or an o	original	joint
inventor	of su	ıbject	matter	("INV	ENTIO	N") disc	closed	and/or	claimed	in a	patent	applic	ation
entitled '	"OPT	ICAL	ISOL A	TION	SYSTE	MS FOR	DIS	PLAYS'	' ("APPI	LICA"	TION"), whicl	h:

\boxtimes	will be	filed.	ASSIGI	NOR he	reby au	thorizes,	and re	equests, ASSI	IGNEE'S
	legal re	presen	tative, M	1icrosof	t Techn	ology Lic	ensing	g, LLC, One N	Microsoft
	Way,	Redn	nond,	Washir	igton	98052	(AS	SIGNEE'S	LEGAL
	REPRE	ESENT	ATIVES	S), to	inse	rt here	in	parentheses	(filed
	on Nov	ember	21, 2017	and gi	ven Ap	plication	No.	15/820,406	_ by the
	followi	ng Off	ice <u>Unite</u>	d States I	Patent &	- Trademark	Office)	this APPLICA	ATION's
	Applica	ation N	o., filing	g date, a	nd Offi	ce, when	know	n;	

was filed on	and was given Application
No	by the following Office
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Payond Thy Qui	11/21/2017
Inventor's Signature	Date
Raymond Kirk PRICE	
Printed Name in English	Printed Name in Native Language
	(if other than English)