PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EERO TUULOS	06/02/2016
URHO KONTTORI	06/03/2016
MIKKO JUHOLA	06/06/2016
MARKO EROMÄKI	06/02/2016
EERO SALMELIN	06/03/2016

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15174992

CORRESPONDENCE DATA

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Correspondent Name: BARTA, JONES & FOLEY, P.C. (PATENT GROUP

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Total Attachments, 10	
DATE SIGNED:	06/06/2016
SIGNATURE:	/Holli L. Templeton/
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
ATTORNEY DOCKET NUMBER:	359693.01

Total Attachments: 10

PATENT REEL: 038823 FRAME: 0072

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PATENT REEL: 038823 FRAME: 0073

PATENT ASSIGNMENT MS Docket No.: 359693.01

r ("INVENTION") d DEVICES W	isclosed and/or cl	aimed in a paten	t application entitled
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. Offlice	representative, Mi rosoft Way, Red JAL REPRESENTAT J on Ł	crosoft Technolod dmond, Washin TVES), to inse and give by the this A	ogy Licensing, gton 98052 ert here in n Application following
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elf and its succe cquiring, the enti- ty, in the INVENTI ed therefrom, suc- ed States, its t	ssors and assigns re and exclusive ri ON and the APPLIC h as continuing ap	("ASSIGNEE"), is ghts, title and in ATION (and all ot plications, in who	entitled to, and is terest, including the her applications and ole or in part, in and
IVES to insert tl	he Application No	., filing date, a	and Office into the
	Filing Date	Office	<u> </u>
	or ("INVENTION") de DEVICES Will be filed. " ASSIGNEE'S legal LLC., One Mice (ASSIGNEE'S LEGO parentheses (filed No. Office Application No., filed therefrom, succeed States, its to insert the type of the states o	DEVICES WITH ADJUSTABENT), which: will be filed. ASSIGNOR hereby ASSIGNEE'S legal representative, Miller, One Microsoft Way, Received, One Microsoft Way, Indication No., filing date, and Office Was filed on and exclusive rictly, in the INVENTION and the APPLIC ed therefrom, such as continuing applied States, its territories, and all one of the filed on the APPLIC of the filed on the APPLIC of the filed on the APPLICATION DERIVATIVES of the for any APPLICATION DERIVATIVES.	will be filed. ASSIGNOR hereby authorizes, a ASSIGNEE'S legal representative, Microsoft Technoloc LLC., One Microsoft Way, Redmond, Washin (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert parentheses (filed on

 PATENT ASSIGNMI	ENT 1	MS Docket No.:	359693.01

Comment of the second	2.6.2016
Inventor's Signature	Date
Eero Tuulos	Eero Tuulos
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Urho Konttori</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PORTABLE DEVICES WITH ADJUSTABLE OPTICAL ARRANGEMENT" ("APPLICATION"), which:

MS Docket No.: 359693.01

\boxtimes	will be file	d. ASSIGNOR	hereby auth	orizes,	and request	s,
	ASSIGNEE'S I	egal representat	ive, Microsoft	Techno	logy Licensin	g,
	LLC., One	Microsoft Wa	y, Redmond,	Wash	ington 9805	2
	(ASSIGNEE'S	LEGAL REPRE	SENTATIVES),	to in	sert here	in
	parentheses	(filed on	***************************************	and giv	en Applicatio	n
	No.		by	the	followin	ıg
	Office			this	APPLICATION	's
	Application N	lo., filing date, a	nd Office, wher	n known	÷ ÿ	
	was filed on		and was given a	Applicat	ion	
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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

PATENT	ASSIGNMENT	MS Docket No.:	359693.01

795S	3.6.2016	
Inventor's Signature	Date	
Urho Konttori	Urho Konttori	
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

MS Docket No.: 359693.01 I Mikko Juhola ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PORTABLE DEVICES WITH ADJUSTABLE OPTICAL ARRANGEMENT" ("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 ______ and given Application No. bv 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; Application No. Filing Date Office

PATENT ASSIGNMENT		MS Docket No.:	359693.01		

Mille Wild	6.6.2016
Inventor's Signature	Date
Mikko Juhola	Mikko Juhola
Printed Name in English	Printed Name in Native Language
	(if other than English)

subject matt	er ("INVENTION")	disclosed and/or claimed	or an original joint inventor of in a patent application entitled
"PORTABLI ("APPLICATIO		TIH ADJUSTABLE C	PTICAL ARRANGEMENT"
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. Office	ASSIGNOR hereby aution representative, Microsoft Crosoft Way, Redmond GAL REPRESENTATIVES), donby	t Technology Licensing, , Washington 98052 to insert here in and given Application the following) this APPLICATION's
		and was given by the following Offic	
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti ity, in the INVENT red therefrom, suc ted States, its	ssors and assigns ("ASSI re and exclusive rights, t ION and the APPLICATION th as continuing application	on limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
REPRESENTA ⁻	FIVES to insert t	he Application No., filin	uests, ASSIGNEE'S LEGAL g date, and Office into the hey are known;
Application N		Filing Date	Office

Page 1 of 2

MS Docket No.: 359693.01

PATI	ENT	ASSIGNMENT	MS Docket No.:	359693.01

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).

JUNE 2, 2016
Inventor's Signature Date

Marko Eromäki Marko Eromäki

Printed Name in English Printed Name in Native Language
(if other than English)

MS Docket No.: 359693.01 I Eero Salmelin ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PORTABLE DEVICES WITH ADJUSTABLE OPTICAL ARRANGEMENT" ("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 and given Application by No. the ______) this APPLICATION's Office _____ 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 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

PATENT A	ASSIGNMENT	MS Docket No.:	359693.01
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	3.6.7016
Inventor's Signature	Date
Eero Salmelin	Eero Salmelin
Printed Name in English	Printed Name in Native Language (if other than English)