#### 505731029 10/18/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5777840

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTIAN KLEIN	11/30/2018
ANDREW STUART GLASS	11/30/2018
SANG HO YOON	11/30/2018
ROY H. BERGER	11/30/2018

#### **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:	16207936

#### **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.

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ATTORNEY DOCKET NUMBER:	9272US2
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/Noemi Tovar/
DATE SIGNED:	10/18/2019

#### **Total Attachments: 8**

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PATENT 505731029 REEL: 050765 FRAME: 0219

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PATENT REEL: 050765 FRAME: 0220

Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

1 Chris	itian KLEIN ("ASSI	GNOR") am the original	inventor or an original joint
inventor of	subject matter (	"INVENTION") disclosed	and/or claimed in a patent
application entitled "AUGMENTING THE FUNCTIONALITY OF USER INPUT DEVICES USING			
A DIGITAL GL	<u>OVE</u> " ("APPLICATIO	N"), which:	
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 16/207,936 Patent and Trader	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, AL REPRESENTATIVES), on December 3, 2018 by the following Officenark Office"; this APPLICA fice, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>"US – United States</u>
		and was gi by the following Offic	
•	ratem and maden	nark office,	
behalf of itse desirous of a right of priori patents derive	elf and its succest cquiring, the entile ty, in the INVENTI ed therefrom, suc ted States, its t	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing application	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
REPRESENTAT	TIVES to insert tl		lests, ASSIGNEE'S LEGAL g date, and Office into the ley are known;
Application N		Filing Date	Office

Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

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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).

Make Mus Inventor's Signature	<u>//- 30-/g</u> Date
Christian KLEIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

l <u>Andı</u>	<u>rew Stuart GLASS</u> ('	'ASSIGNOR") am the origir	ial inventor or an original join
inventor of	subject matter (	"INVENTION") disclosed	and/or claimed in a paten
application e	entitled "AUGMENT	ING THE FUNCTIONALITY	<u>OF USER INPUT DEVICES USING</u>
<u>A DIGITAL G</u>	LOVE" ("APPLICATIO	DN"), which:	
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (filed No. 16/207,936 Patent and Trade)	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond GAL REPRESENTATIVES), don <u>December 3, 2018</u> by the following Offimark Office"; this APPLICA	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>"US – United States</u>
		and was g by the following Offi mark Office";	
behalf of its desirous of right of prior patents deriv	self and its succe acquiring, the enti rity, in the INVENTI ved therefrom, suc ited States, its	ssors and assigns ("ASSI re and exclusive rights, t ON and the APPLICATION h as continuing application	n limited liability company, or GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ins, in whole or in part, in and ign countries ("APPLICATION
ASSIG	NOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAI
		•	g date, and Office into the
following tak	ole for any APPLICA	TION DERIVATIVES after t	hey are known;
Application I	No.	Filing Date	Office

Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

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Weble	11/30/2018
Inventor's Signature	Date
Andrew Stuart GLASS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

Client Docket No.:405656-US-NP
Attorney Docket No.: 9272US2 Attorney Docket No.: 9272US2

inventor of application e	subject matter (	"INVENTION") disclosed  NG THE FUNCTIONALITY (	inventor or an original joint and/or claimed in a patent <u>OF USER INPUT DEVICES USING</u>
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 16/207,936 Patent and Trader	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, AL REPRESENTATIVES), on December 3, 2018 by the following Officenark Office"; this APPLICA fice, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>"US – United States</u>
		and was gi by the following Offic nark Office";	
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti- ity, in the INVENTI- red therefrom, suc- ted States, its t	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
REPRESENTA <sup>-</sup>	TIVES to insert tl	authorizes, and requoise Application No., filing TION DERIVATIVES after the	g date, and Office into the
Application N		Filing Date	Office
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Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

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mm	11/30/2018
Inventor's Signature	Date
Sang Ho YOON	소 상호
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

Roy	H. BERGER ("ASSI	GNOR") am the original	inventor or an original joint
inventor of	subject matter (	"INVENTION") disclosed	and/or claimed in a patent
application e	ntitled "AUGMENTI	<u>NG THE FUNCTIONALITY (</u>	OF USER INPUT DEVICES USING
A DIGITAL GI	L <b>OVE</b> " ("APPLICATIO	)N"), which:	
oxtimes will be filed. ASSIGNOR hereby authorizes,			orizes, and requests,
	ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
	LLC., One Mic	rosoft Way, Redmond,	Washington 98052
	,	AL REPRESENTATIVES),	
		on December 3, 2018	
No. $16/207,936$ by the following Office "US – United Sta			ce <u>"US – United States</u>
		nark Office"; this APPLICA	TION's Application No.,
	filing date, and Of	fice, when known;	
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		and was g	
		by the following Offic	e " <u>US – United States</u>
	Patent and Trader	nark Office";	
behalf of its desirous of a right of prior patents deriv for the Unit DERIVATIVES  ASSIGNATIVES	self and its succe acquiring, the enti- rity, in the INVENTI yed therefrom, suc- ited States, its to ")); NOR hereby TIVES to insert to	ssors and assigns ("ASSIG re and exclusive rights, ti ON and the APPLICATION h as continuing application erritories, and all foreit authorizes, and requal	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION lests, ASSIGNEE'S LEGAL date, and Office into the
		TION DERIVATIVES after th	
Application N	VO.	Filing Date	Office
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Client Docket No.: 405656-US-NP Attorney Docket No.: 9272US2

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19-12	11/30/18	
Inventor's Signature	Date	
Roy H. BERGER		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

**RECORDED: 10/18/2019**