504458432 07/14/2017

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4505133

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN KLEIN	07/13/2017
ROBERT DISANO	07/14/2017
ROBERT DAVID STEEN	07/13/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15650808

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ATTORNEY DOCKET NUMBER:	402110-US-NP
NAME OF SUBMITTER:	DAVID HUNTLEY
SIGNATURE:	/ David Huntley 40309 /
DATE SIGNED:	07/14/2017

Total Attachments: 6

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PATENT REEL: 043013 FRAME: 0956 504458432

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> PATENT REEL: 043013 FRAME: 0957

	PATENT A	SSIGNMENT	MS Docket No.: 402110-US-NP
inventor of application er	subject matter ("I	NVENTION") disclosed a	nventor or an original joint nd/or claimed in a patent ing Device Based on Force of
, 	ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on <u>July 14, 2017</u> the following Ol	ASSIGNOR hereby author epresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application Fice USPTO date, are lication No., filing date, are	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed No. 15650808 by this
		and was given App by the following Office "_	
behalf of itself of acquiring, priority, in the derived there	f and its successors the entire and exc e INVENTION and the from, such as cont	and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh	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"));
	·	•	EE'S LEGAL REPRESENTATIVES
	Application No., find DERIVATIVES after	-	the following table for any
Application N		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).

anto Mhi	7-13-17
Inventor's Signature	Date
Christian KLEIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Robert DISANO</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>Facilitating Interaction with a Computing Device Based on Force of Touch"</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 July 14, 2017 and given Application No. 15650808 by
	the following Office USPTO
	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:

Application No.	Filing Date	Office

MS Docket No.: 402110-US-NP

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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	7/14/37
Inventor's Signature	Date
Robert DISANO	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 402110-US-NP

I <u>Robert David STEEN</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>Facilitating Interaction with a Computing Device Based on Force of Touch</u>" ("APPLICATION"), which:

🛮 Will be fi	led. ASSIGNOR	hereby aut	thorizes, and	d requests,
ASSIGNEE'S	legal represental	tive, Microso	ft Technolog	y Licensing,
LLC, One M	icrosoft Way, Redi	mond, Washir	ngton 98052	(ASSIGNEE'S
LEGAL REP	RESENTATIVES), t	o insert her	re in parent	heses (filed
on July 14, 20	<u>17</u> and gi	ven Applicatio	on No. <u>1565080</u>	<u>8</u> by
the follow	ing Office USPT	0) this
APPLICATIC	N's Application No	o., filing date,	and Office, v	vhen known;
] was filed or	3 <u>an</u> (f was given A	pplication	in the second se
No	by the fol	lowing Office	u 9,	

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	AV 1%		

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	RST		07/1	3/201-	7	: : : : : : : : : : : : : : : : : : :
	Inventor's Signature		Date			
***************************************	Robert David STEEN					
	Printed Name in English	H I II. W		lame in Na than Englis	1.136	lage