504263361 03/08/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID ABZARIAN	03/01/2017
NARASIMHAN RAGHUNATH	03/01/2017

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:	15446959

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ATTORNEY DOCKET NUMBER:	360451-US-NP	
NAME OF SUBMITTER:	DAVID A. MORASCH, REG.# 42,905	
SIGNATURE:	/ Dave Morasch 42905 /	
DATE SIGNED:	03/08/2017	

Total Attachments: 4

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PATENT 504263361 REEL: 041509 FRAME: 0980

inventor of	subject matter ("		nventor or an original joint nd/or claimed in a patent <u>r</u> ("APPLICATION"), which:
\boxtimes	will be filed.	ASSIGNOR hereby autho	orizes, and requests,
	LLC., One Microsof LEGAL REPRESENT on March 1, 2017 the following O	representative, Microsoft of Way, Redmond, Washing (ATIVES), to insert here and given Application of the Microsoft of the Mic	ton 98052 (ASSIGNEE'S in parentheses (filed No. 15/446,959 by) this
	was filed on	and was given A	application
	No	by the following Office	
behalf of itsel of acquiring, priority, in th derived there	f and its successors the entire and exe e INVENTION and t from, such as cont	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh	limited liability company, on, is entitled to, and is desirous terest, including the right of ther applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
ASSIGN	NOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the	Application No., f	iling date, and Office into	o the following table for any
	DERIVATIVES after		
Application	No.	Filing Date	Office

MS Docket No.: 360451-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"));

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).

	03/01/2017
Invertor's Signature	Date
David Abzarian	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 360451-US-NP

inventor of application e	subject matter (" ntitled <u>" Replay of R</u>	INVENTION") disclosed a lecorded Touch Input Data	nal inventor or an original joint and/or claimed in a patent a" ("APPLICATION"), which:
		ASSIGNOR hereby author	
		representative, Microsoft	
	•	t Way, Redmond, Washing	·
	3000 <u>-</u>	ATIVES), to insert here	•
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Application	No.	Filing Date	Office
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Zn/al. M	3///2.01>
Inventor's Signature	Date
Narasimhan Raghunath	
Printed Name in English	Printed Name in Native Language
	(if other than English)