505713269 10/08/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY J. SULLIVAN	11/05/2012
YONGJUN WU	11/05/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16546871

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ATTORNEY DOCKET NUMBER:	3382-88210-19
NAME OF SUBMITTER:	KYLE B. RINEHART
SIGNATURE:	/Kyle B. Rinehart/
DATE SIGNED:	10/08/2019

Total Attachments: 4

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PATENT 505713269 REEL: 050657 FRAME: 0554

MS Docket No.: 334816.02 (OC Docket No. 3382-88210-02)

PATENT ASSIGNMENT

inventor of subject matter ("I application entitled "SIGNALI BUFFER AND REFERENCE PICT will be filed. legal represe Street, Suite customer nu insert here in Application I States Patent No. filing da was filed on the following Microsoft Corporation successors and assigns ("ASS entire and exclusive rights, fand all other applications as	NVENTION") disclosed a NG OF STATE INFORMATURE LISTS" ("APPLICATION ASSIGNOR hereby authoritatives, of Klarquist Spanner 26119, (ASSIGNEE parentheses (filed on parentheses (filed on the parentheses (filed to the parentheses (filed to the parents derived the parents derived the parents derived the parentheses (filed on the parents derived the parents derived the parents derived the parents derived the parentheses (filed on the parents derived the parents derived the parents derived the parents derived the parentheses (filed on the parents derived the parents derived the parentheses (filed on the parentheses (filed on the parents derived the parentheses (filed on the parentheses (filed o	TION FOR A DECODED PICTURE ON"), which: orizes, and requests, ASSIGNEE'S parkman, LLP, 121 SW Salmon 104, who are associated with E'S LEGAL REPRESENTATIVES) to November 5, 2012, and given by the following Office: United this APPLICATION's Application nown; en Application No by Patent and Trademark Office"; action, on behalf of itself and its and is desirous of acquiring, the INVENTION and the APPLICATION	
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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

MS Docket No.: 334816.02 (OC Docket No. 3382-88210-02)

the ASSIGNEE, ASSIGNOR'S entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and 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).

ANXXL'	5 Nov 2012	
anventor's Signature	Date	
Gary J. Sullivan	***************************************	
Printed Name in English	Printed Name in Native Language (if other than English)	

MS Docket No.: 334816.02 (OC Docket No. 3382-88210-02)

PATENT ASSIGNMENT

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to insert the Application No., fili APPLICATION DERIVATIVES after	ng date, and Office into th	
Application No.	Filing Date	Office

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Jul 11/05/20

Inventor's Signature

Y 3 8

Yongjun Wu

<u> 表男车</u>

Printed Name in English

Printed Name in Native Language (if other than English)

PATENT REEL: 050657 FRAME: 0558

RECORDED: 10/08/2019