PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAONI ZHANG STEPHENS	12/20/2019
PATRICK HENRI DUSSUD	12/20/2019

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16724143	

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ATTORNEY DOCKET NUMBER: 407932-US-NP	
NAME OF SUBMITTER:	JOHN OGILVIE
SIGNATURE:	/John Ogilvie/
DATE SIGNED:	12/21/2019

Total Attachments: 4

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joint invente	or of subject matte entitled "INTEGR		iginal inventor or an origina and/or claimed in a patent D SECONDARY MARKING
	ASSIGNEE'S legal in LLC., One Microsof LEGAL REPRESENTA and given Applicat	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here in ion No	Technology Licensing, ton 98052 (ASSIGNEE'S parentheses (filed on by the following Office
		and was given Ap by the following Office "	
behalf of itse of acquiring priority, in the derived ther	elf and its successors, the entire and exc he INVENTION and ti efrom, such as cont	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	limited liability company, or is entitled to, and is desirous terest, including the right of the applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));
to insert the	e Application No., f	·	EE'S LEGAL REPRESENTATIVES the following table for any
Application		Filing Date	Office
4-1	-		

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).

Inventor's Signature

Maoni Zhang STEPHENS

Printed Name in English

Date

Printed Name in Native Language (if other than English)

PATENT	Α	SSIGNMENT	

MS Docket No.: 407932-US-NP

I, Patrick Henri DUSSUD ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTEGRATED REFERENCE AND SECONDARY MARKING" ("APPLICATION"), which:

\boxtimes	will be filed.	ASSIGNOR	hereby	authorizes,	and	requests
	ASSIGNEE'S legal	representat	ive, Micr	osoft Techno	ology	Licensing,
	LLC., One Microso	oft Way, Redr	nond, Wa	ishington 98	052 (A	ASSIGNEE'S
	LEGAL REPRESEN	TATIVES), to	insert h	ere in parent	theses	(filed on
	and given Applica	ition No		by the	follow	ing Office
) this APPLICATIO	N's Applicat	ion No.,	filing date, a	nd Of	fice, when
	known;					
	was filed on	and	d was giv	en Applicatio	n No.	
		by the follow	ving Offi	ce "	". . •	

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	
		Walter Committee	

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,

MS Docket No.: 407932-US-NP

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).

Polich Kame Dussud Inventor's Signature	12/20/2019 Date
Patrick Henri DUSSUD	
Printed Name in English	Printed Name in Native Language (if other than English)