

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MEI-HSUAN LU	10/28/2019
SATYA SASIKANTH BENDAPUDI	11/01/2019
CHUN-WEI CHAN	10/29/2019
MING-CHIEH LEE	11/01/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62913583
<b>Application Number:</b>	16672346
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
<i>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.</i>	
<b>Phone:</b>	503-595-5300
<b>Email:</b>	kelly.mccarthy@klarquist.com
<b>Correspondent Name:</b>	CORY A. JONES, KLARQUIST SPARKMAN, LLP
<b>Address Line 1:</b>	121 S.W. SALMON STREET, SUITE 1600
<b>Address Line 2:</b>	ONE WORLD TRADE CENTER
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	3382-103348-02
<b>NAME OF SUBMITTER:</b>	CORY A. JONES
<b>SIGNATURE:</b>	/Cory A. Jones/
<b>DATE SIGNED:</b>	12/06/2019
<b>Total Attachments: 8</b>	

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PATENT ASSIGNMENT

I, Mei-Hsuan Lu ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AV1 CODEC FOR REAL-TIME VIDEO COMMUNICATION" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on November 1, 2019 and given Application No. 16/672,346 by the following Office: United States Patent and Trademark Office) this APPLICATION's Application No. filing date, and Office, when known;

was filed on October 10, 2019 and was given Application No. 62/913,583 by the following Office "United States Patent and Trademark 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

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).

	10/28/2019
Inventor's Signature	Date
Mei-Hsuan Lu	盧政萱
Printed Name in English	Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

I, Satya Sasikanth Bendapudi ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AV1 CODEC FOR REAL-TIME VIDEO COMMUNICATION" ("APPLICATION"), which:

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**PATENT ASSIGNMENT**

I, Chun-Wei Chan (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “AV1 CODEC FOR REAL-TIME VIDEO COMMUNICATION” (“APPLICATION”), which:

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 _____ Inventor's Signature	10/29/2019 _____ Date
Chun-Wei Chan _____ Printed Name in English	詹鈞維 _____ Printed Name in Native Language (if other than English)



**PATENT ASSIGNMENT**

I, Ming-Chieh Lee (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “AV1 CODEC FOR REAL-TIME VIDEO COMMUNICATION” (“APPLICATION”), which:

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 _____ Inventor's Signature	<u>11/1/2019</u> _____ Date
Ming-Chieh Lee _____ Printed Name in English	李明傑 _____ Printed Name in Native Language (if other than English)