

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5233481

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADAM THOMAS MOLLIS	02/12/2018
BRENDAN MITCHEL WALSH	02/12/2018
GEORGE VALAVANIS	02/12/2018
INES KHELIFI	02/12/2018
JONATHAN A. ADAMS	02/12/2018
LAURENTIU TITI NEDELICU	02/12/2018
AHMED RAOUF MEROUCHE	02/09/2018
SOURABH BANSAL	02/12/2018
SUNG-HON WU	02/16/2018
STACEY W.Y. LAW	02/12/2018
TED T. CHEN	02/12/2018
<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: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15901801
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	usdoCKET@microsoft.com
<b>Correspondent Name:</b>	NEWPORT IP, LLC
<b>Address Line 1:</b>	1400 112TH AVE SE, SUITE 100
<b>Address Line 4:</b>	BELLEVUE, WASHINGTON 98004
<b>ATTORNEY DOCKET NUMBER:</b>	MS1-9155US

<b>NAME OF SUBMITTER:</b>	PAOLA SEVERICH
<b>SIGNATURE:</b>	/Paola Severich/
<b>DATE SIGNED:</b>	11/12/2018
<b>Total Attachments: 22</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page14.tif source=Assignment#page15.tif source=Assignment#page16.tif source=Assignment#page17.tif source=Assignment#page18.tif source=Assignment#page19.tif source=Assignment#page20.tif source=Assignment#page21.tif source=Assignment#page22.tif	

I Adam Thomas MOLLIS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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 \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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 _____ Inventor's Signature	<u>2/12/18</u> _____ Date
<u>Adam Thomas MOLLIS</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Brendan Mitchel WALSH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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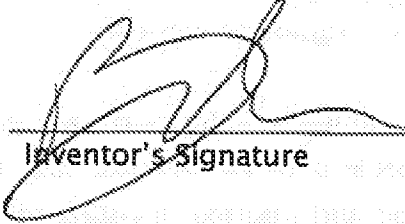
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	2/12/2018
Inventor's Signature	Date
Brendan Mitchel WALSH	
Printed Name in English	Printed Name in Native Language (if other than English)

I George VALAVANIS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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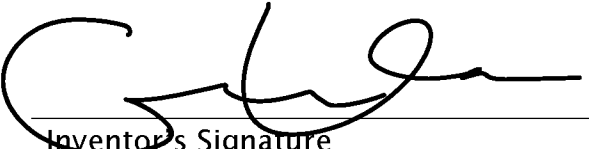
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	2/12/18
Inventor's Signature	Date
George VALAVANIS	
Printed Name in English	Printed Name in Native Language (if other than English)



I Ines KHELIFI (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS” (“APPLICATION”), which:

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 <hr/> Inventor's Signature	2/12/18 <hr/> Date
<hr/> Ines KHELIFI <hr/> Printed Name in English	<hr/> <hr/> Printed Name in Native Language (if other than English)

I Jonathan A. ADAMS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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	<u>2/12/18</u>
Inventor's Signature	Date
Jonathan A. ADAMS	
Printed Name in English	Printed Name in Native Language (if other than English)

I Laurentiu Titi NEDELICU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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	<u>02/12/2018</u>
Inventor's Signature	Date
Laurentiu Titi NEDELCU	<u>Laurentiu Titi NEDELCU</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Ahmed Raouf MEROUCHE (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS” (“APPLICATION”), which:

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 _____ Inventor's Signature	<u>02/09/2018</u> _____ Date
Ahmed Raouf MEROUCHE _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



I Sourabh BANSAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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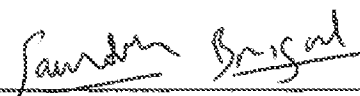
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Sourabh BANSAL	
Printed Name in English	Printed Name in Native Language (if other than English)

I Sung-Hon WU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS" ("APPLICATION"), which:

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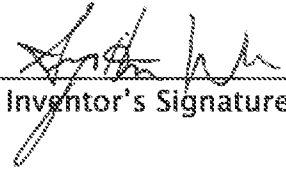
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	Feb 16, 2018
Inventor's Signature	Date
Sung-Hon WU	
Printed Name in English	Printed Name in Native Language (if other than English)

I Stacey W.Y. LAW (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “DIGITAL AUDIO PROCESSING SYSTEM FOR ADJOINING DIGITAL AUDIO STEMS BASED ON COMPUTED AUDIO INTENSITY/CHARACTERISTICS” (“APPLICATION”), which:

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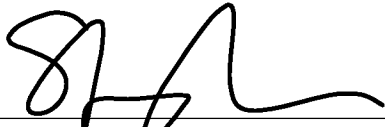
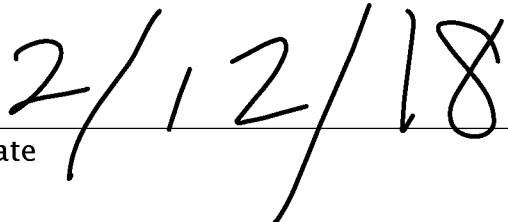
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Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including 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"));

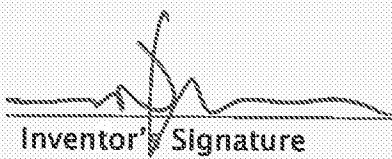
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

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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 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).

	2/12/18
Inventor's Signature	Date
Ted T. CHEN	
Printed Name in English	Printed Name in Native Language (if other than English)