

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT8159533

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIUYU XU	10/26/2021
JIANFANG ZHAI	10/26/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZOOM VIDEO COMMUNICATIONS, INC.
<b>Street Address:</b>	55 ALMADEN BOULEVARD
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18244465
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)815-6555
<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>	4048156500
<b>Email:</b>	LALEXANDER@KILPATRICKTOWNSEND.COM
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKSON LLP
<b>Address Line 1:</b>	1100 PEACHTREE STREET
<b>Address Line 2:</b>	SUITE 2800
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	1392517 (ZM-0158-US-1)
<b>NAME OF SUBMITTER:</b>	LETITIA ALEXANDER
<b>SIGNATURE:</b>	/LETITIA ALEXANDER/
<b>DATE SIGNED:</b>	09/11/2023
<b>Total Attachments: 4</b>	
source=Inventor_XiuyuXu_Declaration_1392517#page1.tif	
source=Inventor_XiuyuXu_Declaration_1392517#page2.tif	
source=Inventor_JianfangZhai_Declaration_1392517#page1.tif	
source=Inventor_JianfangZhai_Declaration_1392517#page2.tif	

**COMBINED DECLARATION UNDER 37 C.F.R. § 1.63 AND ASSIGNMENT**

WHEREAS I, a below named inventor (hereinafter referred to as ASSIGNOR), am the original or joint inventor of the invention entitled:

**JOINT DE-NOISE AND DE-REVERBERATION FOR VIDEOCONFERENCING**

which is:

- ☒ is attached hereto;
- ☒ identified as Docket No.: 107477-1266933
- ☒ was filed on October 27, 2021 as United States Application Serial No. 17/511,654.
- ☐ was filed on \_\_\_\_\_ as PCT International Application No. \_\_\_\_\_ and designated the United States.

As a below named inventor, I declare that:

1. The above-identified application was made or authorized to be made by me.
2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
3. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
4. I have reviewed and understand the contents of the application, including the claims.
5. I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby:

Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey to Zoom Video Communications, Inc., having a business address at 55 Almaden Boulevard, Suite 600, San Jose, California 95113, (hereinafter referred to as ASSIGNEE), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, any application based in whole or in part upon the above-referenced patent application, and any application claiming priority to the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application); (c) the right to claim for any and all applications under (b) of this paragraph the full benefits and priority rights under the International Convention and any other international agreement to which

US2008 19139600 1

Title: JOINT DE-NOISE AND DE-REVERBERATION FOR VIDEOCONFERENCING  
 Docket No.: 107477-1266933

the United States adheres; (d) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisional, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part; and (e) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs and of any and all patent thereon in the United States and in all other countries.

Authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue said application (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property and/or the enforcement of patents or other rights resulting from such applications or intellectual property.

Covenant and agree that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

Further covenant and agree that I will communicate to the said ASSIGNEE, their successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, their successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

I understand and agree that the attorneys and agents of the law firm prosecuting said application do not personally represent me or my legal interests, but instead represent the interests of the said ASSIGNEE; because said attorneys and agents cannot provide legal advice to me with respect to this agreement, I acknowledge my right to seek my own independent legal counsel.

I hereby authorize the prosecuting law firm to insert herein any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment, including but not limited to the application number and filing date of said application when known.

IN WITNESS WHEREOF, the undersigned inventor(s) has/have affixed their signature(s).

INVENTOR: Signature: \_\_\_\_\_  
 DocuSigned by: Xiuyu Xu 2021年10月26日  
 594FC7C3E397420... Date: \_\_\_\_\_  
 Legal Name: Xiuyu Xu

**COMBINED DECLARATION UNDER 37 C.F.R. § 1.63 AND ASSIGNMENT**

WHEREAS I, a below named inventor (hereinafter referred to as ASSIGNOR), am the original or joint inventor of the invention entitled:

**JOINT DE-NOISE AND DE-REVERBERATION FOR VIDEOCONFERENCING**

which is:

- ☒ is attached hereto;
- ☒ identified as Docket No.: 107477-1266933
- ☒ was filed on October 27, 2021 as United States Application Serial No. 17/511,654.
- ☐ was filed on \_\_\_\_\_ as PCT International Application No. \_\_\_\_\_ and designated the United States.

As a below named inventor, I declare that:

1. The above-identified application was made or authorized to be made by me.
2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
3. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
4. I have reviewed and understand the contents of the application, including the claims.
5. I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby:

Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey to Zoom Video Communications, Inc., having a business address at 55 Almaden Boulevard, Suite 600, San Jose, California 95113, (hereinafter referred to as ASSIGNEE), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, any application based in whole or in part upon the above-referenced patent application, and any application claiming priority to the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application); (c) the right to claim for any and all applications under (b) of this paragraph the full benefits and priority rights under the International Convention and any other international agreement to which

US2008 19139637 1

Title: JOINT DE-NOISE AND DE-REVERBERATION FOR VIDEOCONFERENCING  
 Docket No.: 107477-1266933

the United States adheres; (d) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisional, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part; and (e) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs and of any and all patent thereon in the United States and in all other countries.

Authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue said application (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property and/or the enforcement of patents or other rights resulting from such applications or intellectual property.

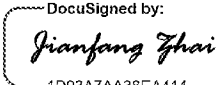
Covenant and agree that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

Further covenant and agree that I will communicate to the said ASSIGNEE, their successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, their successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

I understand and agree that the attorneys and agents of the law firm prosecuting said application do not personally represent me or my legal interests, but instead represent the interests of the said ASSIGNEE; because said attorneys and agents cannot provide legal advice to me with respect to this agreement, I acknowledge my right to seek my own independent legal counsel.

I hereby authorize the prosecuting law firm to insert herein any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment, including but not limited to the application number and filing date of said application when known.

IN WITNESS WHEREOF, the undersigned inventor(s) has/have affixed their signature(s).

INVENTOR: Signature:  Date: 2021年10月26日  
DocuSigned by: 1D93A7AA38EA414...  
 Legal Name: Jianfang Zhai