506288699 10/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the NAME OF INVENTOR YUECHUAN LI previously recorded on Reel 053091 Frame 0794. Assignor(s) hereby confirms the CORRECT SPELLING IS YUECHUAN LI.

S06140649

CONVEYING PARTY DATA

Name	Execution Date
YUESHI SHEN	10/05/2017
MARTIN HESS	10/05/2017
SHAWN HSU	10/08/2017
ERAN AMBAR	06/06/2019
ABHINAV KAPOOR	10/08/2017
JORGE ARTURO VILLATORO	10/12/2017
SPENCER NELSON	10/05/2017
JEFFREY GARNEAU	10/05/2017
CYRUS HALL	10/05/2017
JYOTINDRA VASUDEO	10/05/2017
ANDREW FRANCIS	06/07/2019
YUECHUAN LI	10/05/2017
CHIH-CHIANG LU	10/05/2017

RECEIVING PARTY DATA

Name:	TWITCH INTERACTIVE, INC.
Street Address:	225 BUSH STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16917320

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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.

Email: patents@bakerlaw.com

PATENT

EPAS ID: PAT6335447

506288699 REEL: 053978 FRAME: 0665

Correspondent Name: BAKERHOSTETLER - AMAZON

Address Line 1: 2929 ARCH STREET

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104-2891

ATTORNEY DOCKET NUMBER:	101058.001019
NAME OF SUBMITTER:	JOANNE GALLAGHER
SIGNATURE:	/Joanne Gallagher/
DATE SIGNED:	10/05/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 21

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U.S. Patent Appln. No. <u>15/720,438</u>

Attorney Docket No. <u>101058.000676</u>

Filing Date <u>09/29/17</u>

Client Docket No. P41797-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

Yueshi Shen

2225 Bush Street

San Francisco, CA 94104

Martin Hess

2225 Bush Street

San Francisco, CA 94104

Shawn Hsu

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Abhinav Kapoor

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Jorge Arturo Villatoro

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Spencer Nelson

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Assignee:

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2225 Bush Street

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Jeffrey Garneau

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Cyrus Hall

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Jyotindra Vasudeo

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Yuechuan Li

2225 Bush Street

San Francisco, CA 94104

Chih-Chiang Lu

2225 Bush Street

San Francisco, CA 94104

<u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"REQUESTING TRANSMISSION OF FUTURE ENCODED SEGMENTS" (Invention) for which a non-

provisional application for United States Letters Patent (Application):

Page 1 of 17

U.S. Patent Appln. No. 15/720,438

Attorney Docket No. 101058.000676

Filing Date 09/29/17

Client Docket No. P41797-US

Title of Invention: REQUESTING TRANSMISSION OF FUTURE ENCODED SEGMENTS

Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, Eran Ambar, Abhinav Kapoor, Jorge Arturo Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Hall, Jyotindra Vasudeo, Andrew Francis, Yuechuan Li, Chih-Chiang Lu

was filed on 09/29/17 and accorded U.S. Application No. 15/720,438; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT

for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Baker & Hostetler LLP, associated with Customer No. 136593, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/720,438, filed 9/29/17) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by

Page 2 of 17

U.S. Patent Appln. No. 15/720,438

Attorney Docket No. 101058.000676

Filing Date 09/29/17

Client Docket No. P41797-US

Title of Invention: REQUESTING TRANSMISSION OF FUTURE ENCODED SEGMENTS

Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, Eran Ambar, Abhinav Kapoor, Jorge Arturo Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Hall, Jyotindra Vasudeo, Andrew Francis,

Yuechuan Li, Chih-Chiang Lu

ASSIGNEE and its successors and assigns for their use and benefit and of their successors and

assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had

this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request

the Commissioner of Patents and Trademarks, as well as all other applicable patent offices

throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S)

agree to execute all instruments and documents required for the making and prosecution of

applications for United States and foreign letters patent on said Invention, for litigation

regarding said letters patent, or for the purpose of protecting title to said Invention or letters

patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist

in the preparation of any other patent property relating to the Application and the Invention or

any improvements made thereto, sign/execute all lawful papers, provide all requested

Page 3 of 17

U.S. Patent Appln. No. 15/720,438

Attorney Docket No. 101058.000676

Filing Date 09/29/17

Client Docket No. P41797-US

Title of Invention: REQUESTING TRANSMISSION OF FUTURE ENCODED SEGMENTS

Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, Eran Ambar, Abhinav Kapoor, Jorge Arturo Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Hall, Jyotindra Vasudeo, Andrew Francis,

Yuechuan Li, Chih-Chiang Lu

documents, execute and make all rightful oaths and/or declarations in connection with the

Application and the Invention including any improvements made thereto, any

applications filed therefrom, and any continuing application filed from any of the

aforementioned applications, and generally do everything possible to aid ASSIGNEE, its

successors, legal representatives and assigns, to obtain and enforce proper patent protection for

the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal

representatives, administrators, and assigns.

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMISSION</u>	OF FUTURE ENCODED SEGMENTS
Inventors: Yueshi Shen, Martin Hess, Shawn H Villatoro, Spencer Nelson, Jeffrey Garneau, Cy Yuechuan Li, Chih-Chiang Lu	su, Eran Ambar, Abhinav Kapoor, Jorge Arturo rus Hall, Jyotindra Vasudeo, Andrew Francis,
<u>DECLARATION</u> As a below named inventor, I hereby declare the	nat:
This declaration is directed to:	
the attached application; or	
United States Patent Application n	umber <u>15/720,438</u> filed on <u>9/29/17</u> ; or
PCT International Application num	berfiled on
The above-identified application was made or	authorized to be made by me.
I believe that I am the original inventor or an oapplication.	riginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	of the above-identified application, and
acknowledge the duty to disclose to the US Par	tent & Trademark Office all information known to
me to be material to the patentability as define	ed in 37 CFR 1.56.
I hereby acknowledge that any willful false statunder 18 USC 1001 by fine or imprisonment of https://www.signed.by: //www.signed.by:	·
Yueshi Shen	
October 5, 2017	
Date	

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMIS</u>	SION OF FUTURE ENCODED SEGMENTS
	wn Hsu, Eran Ambar, Abhinav Kapoor, Jorge Arturo u, Cyrus Hall, Jyotindra Vasudeo, Andrew Francis,
<u>DECLARATION</u>	
As a below named inventor, I hereby declar	are that:
This declaration is directed to:	
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United States Patent Applicati	on number <u>15/720,438</u> filed on <u>9/29/17</u> ; or
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The above-identified application was mad	e or authorized to be made by me.
I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the
I have reviewed and understand the conte	ents of the above-identified application, and
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me to be material to the patentability as o	defined in 37 CFR 1.56.
	e statement made in this declaration is punishable nt of not more than five (5) years, or both.
Martin Hess/ 	
Martin Hess	
October 5, 2017	
Date	

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSM</u> I	SSION OF FUTURE ENCODED SEGMENTS
	awn Hsu, Eran Ambar, Abhinav Kapoor, Jorge Arturo au, Cyrus Hall, Jyotindra Vasudeo, Andrew Francis,
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I hereby acknowledge that any willful fal	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonm	ent of not more than five (5) years, or both.
Docusigned by: /Shawn Hsw DA853344A1E1410	
Shawn Hsu	
October 8, 2017	_
Date	

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
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I hereby acknowledge that any willful false	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonmen	nt of not more than five (5) years, or both.
Docusigned by: /Eran Ambar/	
50D1C738B84B460 Eran Ambar	
June 6, 2019	
Date	

Page 8 of 17

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMISSION OF</u>	FUTURE ENCODED SEGMENTS
Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, I Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Yuechuan Li, Chih-Chiang Lu	the state of the s
<u>DECLARATION</u>	
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Docusigned by: / Abhinan tapoor/	
October 8, 2017	
Date	

Page 9 of 17

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMISSION OF</u>	FUTURE ENCODED SEGMENTS
Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Yuechuan Li, Chih-Chiang Lu	· · · · · · · · · · · · · · · · · · ·
<u>DECLARATION</u>	
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I hereby acknowledge that any willful false statem	ent made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.
Docusigned by: /Jorge Arturo Villatoro/6CD4898D32364FA	
Jorge Arturo Villatoro	
October 12, 2017	
Date	

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMISSION OF</u>	FUTURE ENCODED SEGMENTS
Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, I Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Yuechuan Li, Chih-Chiang Lu	· · · · · · · · · · · · · · · · · · ·
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Docusigned by: /Spurar Muson/16A46726FF304C6	
Spencer Nelson	
October 5, 2017	
Date	

Page 11 of 17

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMISSION OF FL</u>	ITURE ENCODED SEGMENTS
Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, Ers Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Ha Yuechuan Li, Chih-Chiang Lu	. , ,
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under 18 USC 1001 by fine or imprisonment of not m	nore than five (5) years, or both.
Docusigned by: / Juffry Garman F30F296AF3F347B Jeffrey Garneau	
•	
October 5, 2017	
Date	

Page 12 of 17

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
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Docusigned by: //yrus Hall/8E634FD4B085443	
Cyrus Hall	
October 5, 2017	
Date	

Page 13 of 17

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
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Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, Eran Am Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus Hall, Jyo Yuechuan Li, Chih-Chiang Lu	· · · · · · · · · · · · · · · · · · ·
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As a below named inventor, I hereby declare that:	
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DocuSigned by: TyoTindra Vasadeo/2AB051FC8923474	
Jyotindra Vasudeo	
October 5, 2017 ————————————————————————————————————	

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
Filing Date <u>09/29/17</u>	Client Docket No. <u>P41797-US</u>
Title of Invention: <u>REQUESTING TRANSMISSION OF F</u>	UTURE ENCODED SEGMENTS
Inventors: Yueshi Shen, Martin Hess, Shawn Hsu, El Villatoro, Spencer Nelson, Jeffrey Garneau, Cyrus H Yuechuan Li, Chih-Chiang Lu	
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DocuSigned by: /Andrew Francis/5445859084548C	
Andrew Francis	
7. 2010	
June 7, 2019	
Date	

U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
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U.S. Patent Appln. No. <u>15/720,438</u>	Attorney Docket No. <u>101058.000676</u>
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<u>DECLARATION</u>	
As a below named inventor, I hereby declar	re that:
This declaration is directed to:	
the attached application; or	
☐ United States Patent Applicatio	n number <u>15/720,438 f</u> iled on <u>09/29/17</u> ; or
PCT International Application n	umberfiled on
The above-identified application was made	or authorized to be made by me.
I believe that I am the original inventor or a application.	n original joint inventor of a claimed Invention in the
I have reviewed and understand the conter	nts of the above-identified application, and
acknowledge the duty to disclose to the US	Patent & Trademark Office all information known to
me to be material to the patentability as de	efined in 37 CFR 1.56.
I hereby acknowledge that any willful false	statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonmen	t of not more than five (5) years, or both.
DocuSigned by: / Chilu-Chiang LW4E2AE85E72DE49C	
Chih-Chiang Lu	
October 5, 2017	
Date	

Page 17 of 17



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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUESHI SHEN	10/05/2017
MARTIN HESS	10/05/2017
SHAWN HSU	10/08/2017
ERAN AMBAR	06/06/2019
ABHINAV KAPOOR	10/08/2017
JORGE ARTURO VILLATORO	10/12/2017
SPENCER NELSON	10/05/2017
JEFFREY GARNEAU	10/05/2017
CYRUS HALL	10/05/2017
JYOTINDRA VASUDEO	10/05/2017
ANDREW FRANCIS	06/07/2019
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CHIH-CHIANG LU	10/05/2017

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PATENT ³ REEL: 053978 FRAME: 0684

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16917320

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ATTORNEY DOCKET NUMBER:	101058.001019
NAME OF SUBMITTER:	JOANNE GALLAGHER
Signature:	/Joanne Gallagher/
Date:	06/30/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 17

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RECORDED: 07/07/2020 REEL: 053978 FRAME: 0687

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