

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6127720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAYUR SRINIVASAN	03/20/2017
STEPHEN BRAMWELL	03/21/2017
GIANG PHAM	03/20/2017
RECEIVING PARTY DATA	
Name:	SONIC IP, INC.
Street Address:	4790 EASTGATE MALL
Internal Address:	SUITE 200
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16666213
CORRESPONDENCE DATA	
Fax Number:	(949)852-0004
<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>	
Phone:	9498520000
Email:	pair@kppb.com
Correspondent Name:	KPPB LLP
Address Line 1:	2190 S. TOWNE CENTRE PLACE
Address Line 2:	SUITE 300
Address Line 4:	ANAHEIM, CALIFORNIA 92806
ATTORNEY DOCKET NUMBER:	D1-04881.CON
NAME OF SUBMITTER:	TESS LANGSETH-DEPAOLIS
SIGNATURE:	/Tess Langseth-DePaolis/
DATE SIGNED:	05/28/2020
Total Attachments: 7	
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source=04881.CON recordation of assignment (inventors to sonic)#page6.tif
source=04881.CON recordation of assignment (inventors to sonic)#page7.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Mayur Srinivasan, Stephen Bramwell, Giang Pham

2. Name and address of receiving party(ies)

Name: Sonic IP, Inc.

Internal Address: Suite 200

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 3/20/2017, 3/21/2017, 3/20/2017

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

Street Address: 4790 Eastgate Mall

City: San Diego

State: CA

Country: US Zip: 92121

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/666,213

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: KPPB LLP

Internal Address: Suite 300

Street Address: 2190 S. Towne Centre Place

City: Anaheim

State: CA Zip: 92806

Phone Number: 949.852.0000

Docket Number: D1-04881.CON

Email Address: pair@kppb.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized UserName _____

9. Signature: /Faye H. Teng/

05/28/2020

Signature

Date

Faye H. Teng

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 052781 FRAME: 0380

ASSIGNMENT

WHEREAS, WE, Mayur Srinivasan, Stephen Bramwell, and Giang Pham, have made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled Systems and Methods for Adaptive Switching between Multiple Content Delivery Networks during Adaptive Bitrate Streaming filed February 17, 2017 and having been assigned Application No. 15/436,456;

WHEREAS, Sonic IP, Inc., a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 4790 Eastgate Mall, Suite 200, San Diego, CA 92121 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all

legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN WITNESS WHEREOF, I have hereunto set my hand this 30 day of MARCH, 2017



Mayur Srinivasan
16064 Wayne Hill
San Diego, CA 92127

WITNESS: _____

Print name _____

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 20__.

Stephen Bramwell
32 Hall Lane
Peterborough, PE4 6RA, UK

WITNESS: _____

Print name _____

IN WITNESS WHEREOF, I have hereunto set my hand this 20 day of March, 2017.



Giang Pham
7598 Flower Meadow Drive
San Diego, CA 92126

WITNESS: _____

Print name _____

ASSIGNMENT

WHEREAS, WE, Mayur Srinivasan, Stephen Bramwell, and Giang Pham, have made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled Systems and Methods for Adaptive Switching between Multiple Content Delivery Networks during Adaptive Bitrate Streaming filed February 17, 2017 and having been assigned Application No. 15/436,456;

WHEREAS, Sonic IP, Inc., a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 4790 Eastgate Mall, Suite 200, San Diego, CA 92121 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all

legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 20__.

Mayur Srinivasan
16064 Wayne Hill
San Diego, CA 92127

WITNESS:_____

Print name_____

IN WITNESS WHEREOF, I have hereunto set my hand this 21st day of MARCH, 2017.

Stephen Bramwell
Stephen Bramwell
32 Hall Lane
Peterborough, PE4 6RA, UK

WITNESS: [Signature]

Print name Roshanak Azimi

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of _____, 20__.

Giang Pham
Giang Pham
7598 Flower Meadow Drive
San Diego, CA 92126

WITNESS: _____

Print name _____
