

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4334185

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YURI BULAVA	02/11/2014
ALEXANDER IVANOV	02/11/2014
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:	15190069
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:	2400 E. KATELLA AVENUE
Address Line 2:	SUITE 1050
Address Line 4:	ANAHEIM, CALIFORNIA 92806
ATTORNEY DOCKET NUMBER:	D1-03259B.CON
NAME OF SUBMITTER:	MELISSA YEE
SIGNATURE:	/Melissa Yee/
DATE SIGNED:	03/23/2017
Total Attachments: 4	
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source=03259BCONassignment#page2.tif	
source=03259BCONassignment#page3.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)

Yuri Bulava; Alexander Ivanov

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

2. Name and address of receiving party(ies)

Name: Sonic IP, Inc.

Internal Address: Suite 200

Street Address: 4790 Eastgate Mall

City: San Diego

State: CA

Country: US Zip: 92121

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

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

Execution Date(s) February 11, 2014; February 11, 2014

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

15/190,069

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 1050

Street Address: 2400 E. Katella Avenue

City: Anaheim

State: CA Zip: 92806

Phone Number: 949.852.0000

Docket Number: D1-03259B.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 User Name _____

9. Signature:

/Brian K. Sung/
Signature

3/23/17
Date

Brian K. Sung

Name of Person Signing

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

4

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

ASSIGNMENT

WHEREAS, WE, Yuri Bulava and Alexander Ivanov, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled Systems and Methods for Playing Adaptive Bitrate Streaming Content by Multicast filed December 30, 2013 and having been assigned Application No. 14/144,268;

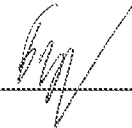
WHEREAS, Sonic IP, Inc., a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 2830 De La Cruz Boulevard, Santa Clara, California 95050 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and 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, I 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 I 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, I do hereby agree that I and my 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 me 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, I 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.

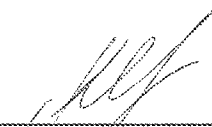
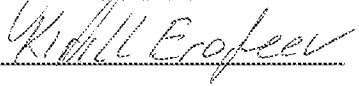
IN WITNESS WHEREOF, I have hereunto set my hand this 11 day of 02, 2014.



Yuri Bulava
B. Pasternaka 76
Aprel, Tomsk RU

WITNESS: _____

Print name _____

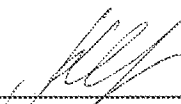



Docket No: D1-03259B

IN WITNESS WHEREOF, I have hereunto set my hand this 11 day of 02, 2014.



Alexander Ivanov
Elizarovyh street 17, 36
Tomsk 634012, RU

WITNESS: 

Print name Kirill Eroteen
