PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2782854

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHISHEK SHIVADAS	03/21/2014
ERIC GRAB	03/07/2014

RECEIVING PARTY DATA

Name:	SONIC IP, INC.	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13852501

CORRESPONDENCE DATA

Fax Number: (949)852-0004

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

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:	D1-03349
NAME OF SUBMITTER:	KATRINA LEE
SIGNATURE:	/Katrina Lee/
DATE SIGNED:	03/24/2014

Total Attachments: 7

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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)	2. Name and address of receiving party(ies) Name: Sonic IP, Inc.	
Abhishek Shivadas; Eric Grab	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) March 21, 2014; March 7, 2014	Street Address: 2830 De La Cruz Boulevard	
Assignment Merger Security Agreement Change of Name Joint Research Agreement	City: Santa Clara State: CA	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 95050	
Other	Additional name(s) & address(es) attached? Yes No	
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
13/852,501 Additional numbers at	lached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: KPPB LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: Suite 1050	- 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1	
Street Address: 2400 E. Katella Avenue	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
City: Anaheim	8. Payment Information	
State: CA Zip: 92806		
Phone Number: 949.852.0000		
Docket Number: D1-03349	Deposit Account Number	
Email Address:pair@kppb.com	Authorized User Name	
9. Signature: /Brian K. Sung/	03/24/14	
Signature Brian K.Sung	Date Total number of pages including cover ————————————————————————————————————	
Name of Person Signing	sheet, attachments, and documents:	
· · ·	t) should be faxed to (571) 273-0140, or mailed to: f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

ASSIGNMENT

WHEREAS, WE, Abhishek Shivadas and Eric Grab, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled Downloading and Adaptive Streaming of Multimedia Content to a Device with Cache Assist filed March 28, 2013 and having been assigned Application No. 13/852,501;

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, continuationsin-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.

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Docket No: D1-03349

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 21 day of March 2014.

5562 Renaissance Avenue, Unit 2

San Diego, CA 92122

WITNESS: SAUGOLUS BUB DOJSANA ZIVANOVIC

IN WITNESS WHEREOF, I have hereunt	o set my hand this day of, 2014	 .
	Eric Grab 5387 Channing Street San Diego, CA 92117	
WITNESS:		

3

ASSIGNMENT

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1

Docket No: D1-03349

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IN WITNESS	WHEREOF, I have hered	unto set my hand this	day of	, 2014.
		Abhishek Shiva		
		5562 Renaissa	nce Avenue, l	Jnit 2

San Diego, CA 92122

WITNESS:	***************************************
Print name	

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Docket No: D1-03349

IN WITNESS WHEREOF, I have hereur	nto set my hand this 67 day of 6 , 2014.
	Eric Grab 5387 Channing Street
	San Diego, CA 92117
WITNESS:	
Print name	•••• ·

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