506584535 03/30/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6631317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROVI TECHNOLOGIES CORPORATION	02/24/2014

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:	17063439

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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: D1-02348.CON2	
NAME OF SUBMITTER:	GRACE KANG
SIGNATURE:	/Grace Kang/
DATE SIGNED:	03/30/2021

Total Attachments: 3

source=02348con2assignment2#page1.tif source=02348con2assignment2#page2.tif source=02348con2assignment2#page3.tif

> **PATENT REEL: 055774 FRAME: 0931** 506584535

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)			
Rovi Technologies Corporation	Name: Sonic IP, Inc.			
	Internal Address: Suite 200			
[] [56600]				
Additional name(s) of conveying party(ies) attached? Yes longly No	Street Address: 4790 Eastgate Mall			
Nature of conveyance/Execution Date(s): Execution Date(s) February 24, 2014	Street Address.			
Assignment Merger				
luminal humanal	City: San Diego			
Security Agreement Change of Name Joint Research Agreement	· · · · · · · · · · · · · · · · · · ·			
Government Interest Assignment	State: CA			
Executive Order 9424, Confirmatory License	Country: US Zip: 92121			
Other	Additional name(s) & address(es) attached? Yes No			
4. Application or patent number(s): This A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)			
	D. r atom No.(s)			
17/063,439				
Additional numbers att	ached? Yes Mo			
5. Name and address to whom correspondence	6. Total number of applications and patents			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP	6. Total number of applications and patents involved: 1			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$			
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300	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			
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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	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account			
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	6. Total number of applications and patents involved: 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			
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	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account			
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: D1-02348.CON2	6. Total number of applications and patents involved: 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			
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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: D1-02348.CON2 Email Address: pair@kppb.com 9. Signature: /Paul J. Lee/ Signature	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$			

PATENT REEL: 055774 FRAME: 0932

ASSIGNMENT OF RIGHTS

WHEREAS, Rovi Technologies Corporation, a Delaware corporation, having a place of business at 2830 De La Cruz Boulevard, Santa Clara, CA 95050 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNOR") is the assignee of record of the patents/applications listed on Attachment A.

AND WHEREAS, Sonic IP, Inc., a California corporation, having a place of business at 2830 De La Cruz Boulevard, Santa Clara, CA 95050 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said patents/applications listed on Attachment A, and all the inventions therein, and ASSIGNOR is willing to enter into such assignment.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to the patents/applications listed on Attachment A and all continuations, divisions, reexaminations, reissues and substitutes thereof, and all inventions therein, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof;

ASSIGNOR hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith:

ASSIGNOR hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patents/applications, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 21th day of February, 2014.

Rovi Technologies Corporation

Pamela Sergeeff

Secretary

Rovi Technologies Corporation

witness: <u>Dail Wall</u>

Print name Claire Wallters

ATTACHMENT A

Our Ref.	Application No.	Filing Date	Title
D1-02387	13/308,390	Nov 30, 2011	Scalable Video Coding Over Real-Time Transport Protocol
01-02435	13/338,571	Dec 28, 2011	Systems and Methods for Region of Interest Video Processing
D1-02348	13/430,032	Mar 26, 2012	Selection of Resolutions for Seamless Resolution Switching of Multimedia Content
D1-02481A	13/432,534	Mar 28, 2012	System and Methods of Media Streaming using RTSP with Reduced Delays
D1-02481B	13/432,539	Mar 28, 2012	System and Methods of Media Streaming from a Media Server using RTSP with Reduced Delays
D1-02387.PCT	PCT/US11/62809	Dec 1, 2011	Scalable Video Coding Over Real-Time Transport Protocol
D1-02435.PCT	PCT/US11/67912	Dec 29, 2011	Systems and Methods for Region of Interest Video Processing
D1-02348.PCT	PCT/US12/53053	Aug 30, 2012	Selection of Resolutions For Seamless Resolution Switching of Multimedia Content

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PATENT REEL: 055774 FRAME: 0934