PATENT ASSIGNMENT COVER SHEET

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIVX, LLC	11/21/2013

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:	15009593

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:	2400 E. KATELLA AVENUE
Address Line 2:	SUITE 1050
Address Line 4:	ANAHEIM, CALIFORNIA 92806

ATTORNEY DOCKET NUMBER:	D1-02300A.CON2
NAME OF SUBMITTER:	MELISSA YEE
SIGNATURE:	/Melissa Yee/
DATE SIGNED:	08/09/2016

Total Attachments: 9
source=02300ACON2assignment#page1.tif
source=02300ACON2assignment#page2.tif
source=02300ACON2assignment#page3.tif
source=02300ACON2assignment#page4.tif

source=02300ACON2assignment#page5.tif
source=02300ACON2assignment#page6.tif
source=02300ACON2assignment#page7.tif
source=02300ACON2assignment#page8.tif
source=02300ACON2assignment#page9.tif

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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)

DivX, LLC

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) Nov. 21, 2013

☒ 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)

15/009,593

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: D1-02300A.CON2

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: /Jason D. Wolfe/   August 9, 2016

Signature   Date

Jason D. Wolfe

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 9

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: 039388 FRAME: 0404

ASSIGNMENT OF RIGHTS

WHEREAS, DivX, LLC, a Delaware limited liability company, 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 the attached schedule.**

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 the attached schedule,** and all the inventions therein, and ASSIGNOR is willing to enter into such assignment.
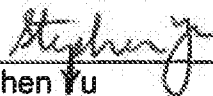
NOW, THEREFORE, in consideration of the sum of One Dollar ($1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to **the patents/applications listed on the attached schedule** 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 patent, 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 invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 21st day of November, 2013.

DivX, LLC

Stephen Yu
Manager, DivX, LLC

WITNESS: _Claire Walters_

Print name _Claire Walters_

ATTACHMENT A

Our Ref.	Application No.	Filing Date	Patent No.	Issue Date	Title
D1-00054	10/256,476	Sep 27, 2002	6,895,054	May 17, 2005	Dynamic Bit Rate Control Process
D1-00075	10/615,898	Jul 8, 2003	7,295,673	Nov 13, 2007	Method and System for Securing Compressed Digital Video
D1-00072	10/731,809	Dec 8, 2003	7,519,274	Apr 14, 2009	File Format for Multiple Track Digital Data
D1-00073	10/895,355	Jul 21, 2004	7,460,668	Dec 2, 2008	Optimized Secure Media Playback Control
D1-00053	11/016,184	Dec 17, 2004			Multimedia Distribution System
D1-00040	11/230,794	Sep 20, 2005	7,729,426	Jun 1, 2010	Video Deblocking Filter
D1-00042	11/258,496	Oct 24, 2005	8,472,792	Jun 25, 2013	Multimedia Distribution System
D1-00055	11/323,062	Dec 30, 2005	7,664,872	Feb 16, 2010	Media Transfer Protocol
D1-00056	11/685,929	Mar 14, 2007	7,515,710	Apr 7, 2009	Federated Digital Rights Management Scheme Including Trusted Systems
D1-00642	11/970,493	Jan 7, 2008	7,886,069	Feb 8, 2011	Video Distribution System Including Progressive Playback
D1-01221	12/260,404	Oct 29, 2008			Application Enhancement Tracks
D1-01167	12/272,631	Nov 17, 2008	8,233,768	Jul 31, 2012	Hierarchical and Reduced Index Structures for Multimedia Files
D1-01239	12/272,782	Nov 17, 2008	8,301,793	Oct 30, 2012	Chunk Header Incorporating Binary Flags and Correlated Variable-Length Fields
D1-01243	12/324,779	Nov 26, 2008			System and Method for Playback of Partially Available Multimedia Content
D1-01403	12/480,251	Jun 8, 2009			Multimedia Distribution and Playback Systems and Methods Using Enhanced Metadata Structures
D1-01393	12/480,276	Jun 8, 2009	8,289,338	Oct 16, 2012	Systems and Methods for Font File Optimization for Multimedia Files
D1-01457	12/611,042	Nov 2, 2009			System and Method for Playing Content on Certified Devices

D1-01622	12/684,002	Jan 7, 2010	8,510,303	Aug 13, 2013	Singular, Collective and Automated Creation of a Media Guide for Online Content
D1-00040.CON	12/788,210	May 26, 2010	8,139,651	Mar 20, 2012	Video Deblocking Filter
D1-01940	12/946,631	Nov 15, 2010			Elementary Bitstream Cryptographic Material Transport Systems and Methods
D1-01898	12/957,224	Nov 30, 2010			System and Method for Determining Bit Stream Compatibility
D1-01970	12/986,957	Jan 7, 2011			Real Time Flash Based User Interface for Media Playback Device
D1-00072.01	13/087,348	Apr 14, 2011			File Format for Multiple Track Digital Data
D1-01974A	13/221,682	Aug 30, 2011			Systems and Methods for Adaptive Bitrate Streaming of Media Stored in Matroska Files Using Hypertext Transfer Protocol
D1-01974B	13/221,794	Aug 30, 2011			Systems and Methods for Encoding Source Media in Matroska Container Files for Adaptive Bitrate Streaming Using Hypertext Transfer Protocol
D1-02338	13/223,053	Aug 31, 2011			Systems and Methods for Common Application Platforms Utilizing Shared Services
D1-02357A	13/223,186	Aug 31, 2011			Systems and Methods for Performing Smooth Visual Search of Media Encoded for Adaptive Bitrate Streaming via Hypertext Transfer Protocol Using Trick Play Streams
D1-02357B	13/223,210	Aug 31, 2011			Systems and Methods for Encoding Trick Play Streams for Performing Smooth Visual Search of Media Encoded for Adaptive Bitrate Streaming Via Hypertext Transfer Protocol

D1-02353A	13/224,295	Sep 1, 2011			Systems and Methods for Adaptive Bitrate Streaming of Media Including Subtitles
D1-023538	13/224,298	Sep 1, 2011			Systems and Methods for Encoding Media Including Subtitles for Adaptive Bitrate Streaming
D1-02265	13/251,061	Sep 30, 2011			Systems and Methods for Determining Available Bandwidth and Performing Initial Stream Selection When Commencing Streaming Using Hypertext Transfer Protocol
D1-01976	13/332,762	Dec 21, 2011			Systems and Methods for Dynamically Loading Software Platforms Onto Playback Devices
D1-02346	13/337,754	Dec 27, 2011			Systems and Methods for Utilizing Supported Players via a Shared Multimedia Framework
D1-02261	13/339,315	Dec 28, 2011			Binding of Cryptographic Content Using Unique Device Characteristics with Server Heuristics
D1-02084	13/339,992	Dec 29, 2011			Systems and Methods for Performing Multiphase Adaptive Bitrate Streaming
D1-02358	13/340,594	Dec 29, 2011			Systems and Methods for Application Identification
D1-02359A	13/340,623	Dec 29, 2011			Systems and Methods for Playing Back Alternative Streams of Protected Content Protected Using Common Cryptographic Information
D1-023598	13/341,265	Dec 30, 2011			Systems and Methods For Protecting Alternative Streams In Adaptive Bitrate Streaming Systems
D1-01978A	13/341,504	Dec 30, 2011			Systems and Methods for Encoding Alternative Streams of Video for Use in Adaptive Bitrate Streaming

D1-01978B	13/341,667	Dec 30, 2011			Systems and Methods for Performing Adaptive Bitrate Streaming Based Upon the Delay of Each stream and the Channel Rate
D1-02300A	13/341,789	Dec 30, 2011			Systems and Methods for Automatically Generating Top Level Index Files
D1-02300B	13/341,801	Dec 30, 2011			Systems and Methods for Performing Adaptive Bitrate Streaming Using Automatically Generated Top Level Index Files
D1-02089	13/341,838	Dec 30, 2011			Systems and Methods for Estimating Available Bandwidth and Performing Initial Stream Selection When Streaming Content
D1-02349	13/432,521	Mar 28, 2012			Systems and Methods for Encoding Alternative Streams of Video for Playback on Playback Devices having Predetermined Display Aspect Ratios and Network Connection Maximum Data Rates
D1-02271A	13/436,888	Mar 31, 2012			Method to Identify Consumer Electronics Products
D1-02271B	13/436,898	Mar 31, 2012			Systems and Methods for Identifying Consumer Electronic Products Based on a Product Identifier
D1-02459A	13/436,900	Mar 31, 2012			Systems and Methods for Accessing Digital Content Using Electronic Tickets and Ticket Tokens
D1-02459B	13/436,917	Mar 31, 2012			Systems and Methods for Granting Access to Digital Content Using Electronic Tickets and Ticket Tokens
D1-02360	13/436,922	Mar 31, 2012			Systems and Methods for Saving Encoded Media Streamed Using Adaptive Bitrate Streaming

D1-02262A	13/436,927	Mar 31, 2012			Systems and Methods for Device Authentication Including Timestamp Validation
D1-02262B	13/436,930	Mar 31, 2012			Systems and Methods for Securing Cryptographic Data Using Timestamps
D1-02502	13/485,609	May 31, 2012			Systems and Methods for the Reuse of Encoding Information in Encoding Alternative Streams of Video Data
D1-02550	13/495,757	Jun 13, 2012			Systems and Methods for Adaptive Streaming Systems with Interactive Video Timelines
D1-02549	13/536,891	Jun 28, 2012			Systems and Methods for Fast Video Startup Using Trick Play Streams
D1-02611B	13/539,336	Jun 30, 2012			Systems and Methods for Decoding a Video Sequence Encoded Using Predictions that Include References to Frames in Reference Segments from Different Video Sequences
D1-02611A	13/539,337	Jun 30, 2012			Systems and Methods for Compressing Geotagged Video
D1-02611C	13/539,356	Jun 30, 2012			Systems and Methods for Encoding Video Using Higher Rate Video Sequences
D1-02611D	13/539,365	Jun 30, 2012			Systems and Methods for Decoding Video Encoded Using Predictions that Reference Higher Rate Video Sequences
D1-02350	13/600,046	Aug 30, 2012			Systems and Methods for Encoding and Streaming Video Encoded Using a Plurality of Maximum Bitrate Levels
D1-02616B	13/629,292	Sep 27, 2012			System and Methods for Encoding Live Multimedia Content with Synchronized Resampled Audio Data

D1-02616A	13/629,306	Sep 27, 2012			System and Methods for Encoding Live Multimedia Content with Synchronized Audio Data
D1-02665	13/631,017	Sep 28, 2012			System and Method for Decreasing an Initial Buffering Period of an Adaptive Streaming System
D1-02711	13/797,829	Mar 12, 2013			Systems and Methods for Region of Interest Background Smoothing & Compression Enhancement
D1-02949	13/907,791	May 31, 2013			Playback Synchronization Across Playback Devices
D1-02338.PCT	PCT/US11/064677	Dec 13, 2011			Systems and Methods for Common Application Platforms Utilizing Shared Services
D1-02358.PCT	PCT/US11/068048	Dec 30, 2011			Systems and Methods for Application Identification
D1-02265.PCT	PCT/US11/64684	Dec 13, 2011			Systems and Methods for Determining Available Bandwidth and Performing Initial Stream Selection When Commencing Streaming Using Hypertext Transfer Protocol
D1-02346.PCT	PCT/US11/67495	Dec 28, 2011			Systems and Methods for Utilizing Supported Players via a Shared Multimedia Framework
D1-02261.PCT	PCT/US11/67774	Dec 29, 2011			Binding of Cryptographic Content Using Unique Device Characteristics with Server Heuristics
D1-02084.PCT	PCT/US11/68156	Dec 30, 2011			Systems and Methods for Performing Multiphase Adaptive Bitrate Streaming
D1-02089.PCT	PCT/US11/68264	Dec 31, 2011			Systems and Methods for Estimating Available Bandwidth and Performing Initial Stream Selection When Streaming Content

D1-02271AB.PCT	PCT/US12/44680	Jun 28, 2012			Systems and Methods for Identifying Consumer Electronic Products Using a Playback Device With a Product Identifier
D1-02349.PCT	PCT/US12/53052	Aug 30, 2012			Systems and Methods for Encoding Alternative Streams of Video for Playback on Playback Devices Having Predetermined Display Aspect Ratios and Network Connection Maximum Data Rates
D1-02350.PCT	PCT/US12/53223	Aug 30, 2012			Systems and Methods for Encoding and Streaming Video Encoded Using a Plurality of Maximum Bitrate Levels
D1-02459AB.PCT	PCT/US13/20572	Jan 7, 2013			Systems and Methods for Accessing Digital Content Using Electronic Tickets and Ticket Tokens
D1-02502.PCT	PCT/US13/41874	May 20, 2013			Systems and Methods for the Reuse of Encoding Information in Encoding Alternative Streams of Video Data
D1-02616AB.PCT	PCT/US13/42105	May 21, 2013			System and Methods for Encoding Live Multimedia Content with Synchronized Resampled Audio Data
D1-02550.PCT	PCT/US13/43176	May 29, 2013			Systems and Methods for Adaptive Streaming Systems with Interactive Video Timelines
D1-02549.PCT	PCT/US13/43181	May 29, 2013			Systems and Methods for Fast Video Startup Using Trick Play Streams

PATENT
REEL: 039388 FRAME: 0412