505473477 05/13/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5520281

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		/	ASSIGNMENT			
CONVEYING PARTY D	ATA					
			Name		Execution Date	
DENNIS DENKER					07/18/2018	
SHIGEKI HIROSE				07/10/2018		
JONATHAN SCOTT WA	ALL				07/10/2018	
RECEIVING PARTY DA						
Name: LIVE NATION ENTERTAINMENT, INC.						
Street Address:		9348 CIVIC CENTER DRIVE				
City:		BEVERLY HILLS				
State/Country:	_	CALIFORNIA				
Postal Code:	_	90210				
PROPERTY NUMBERS	6 Total: 1					
Property Type		Number				
Application Number:		14853556				
	ΔΤΑ					
Fax Number:	e sent tr	n the e.	-mail address first; if that is un	surressfi	ıl it will be sent	
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			eeden@kilpatricktownsend.com			
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			00 PEACHTREE STREET NE, SUITE 2800			
			LSTOP: IP DOCKETING - 22			
Address Line 4:		ATLAP	NTA, GEORGIA 30309			
ATTORNEY DOCKET NUMBER:		0	095001-0957049 (001620US)			
NAME OF SUBMITTER:			LELIA BREEDEN			
SIGNATURE:		/	/Lelia Breeden/			
DATE SIGNED:			05/13/2019			
Total Attachments: 4						
	Statemer	nt of Ov	wnership for filing 095001-095704	9 (001620	US)#page1.tif	
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source=Assignment and Statement of Ownership for filing 095001-0957049 (001620US)#page4.tif

COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION

Title of Invention: SHORT-RANGE DEVICE INTERACTIONS FOR FACILITATING PARTIAL USES OF CLUSTERED ACCESS RIGHTS

Application No. 14/853,556, filed on September 14, 2015

ASSIGNMENT

WHEREAS, I, **Dennis Denker**, residing at **Phoenix**, **AZ**, am the original inventor or an original joint inventor of the invention(s), hereinafter referred to as "Invention(s)," in the above identified and/or attached patent application, hereinafter identified as the "Application";

WHEREAS, Live Nation Entertainment, Inc., having a principal place of business at 9348 Civic Center Drive, Beverly Hills, CA 90210, hereinafter referred to as "Live Nation," is desirous of acquiring an interest in the Invention(s) and Application; any United States, International, or foreign patent application directed to (at least in part) one or more of the Invention(s); and any United States or foreign Letters Patent and Registrations that may be granted and that is directed to (at least in part) one or more of the Invention(s);

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, have assigned, and by these presents do assign to Live Nation all right, title, and interest in and to the entirety of the Invention(s) and Application; any United States, International, or foreign patent application directed to (at least in part) one or more of the Invention(s); and any United States or foreign Letters Patent and Registrations that may be granted and that is directed to (at least in part) one or more of the Invention.

Should the Application be filed as a provisional, non-provisional, or International patent application in the United States or in any other country, I agree that the assignment assigns all right, title and interest to the filed application, to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the Application as provided by the Paris Convention.

The right, title, and interest is to be held and enjoyed by Live Nation and Live Nation's successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at Live Nation's expense, (a) cooperate with Live Nation in the prosecution of U.S. Patent applications and foreign counterparts directed to (at least in part) one or more of the Invention(s) or Application and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Live Nation lawfully may request to obtain or maintain Letters Patent and Registrations for (at least in part) one or more of the Invention(s) and improvements in any and all countries, and to vest title thereto in Live Nation, or Live Nation's successors and assigns. I waive any obligation of Live Nation to file foreign counterparts on (at least in part) one or more of the Invention(s); file the attached application; or continue pursuit of prosecution of (at least in part) one or more of the Invention(s). I agree that Live Nation can, in its sole discretion, choose in which countries to file foreign counterparts and can further choose the type of each application that is to be filed, unless I have previously informed Live Nation in writing of any foreign counterparts I would like the option to pursue or prosecute.

I hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above an application number and filing date, when known, of any United States, International or foreign patent application that corresponds to the Application or is directed to any of the Invention(s).

Page 1 of 2

PATENT REEL: 049162 FRAME: 0342

Attorney Docket No.: 095001-0957049 (001620US)

DECLARATION

As the above named inventor, I hereby declare that:

- This declaration is directed to the Invention(s) disclosed in the Application; any filed United States or foreign application that is directed to one or more of the Invention(s); and any applications related by priority to such filed United States or foreign application that may include claims or claim elements supported in the Application.
- The Application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed or disclosed Invention(s) in the Application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 7/18/18

Dennis Denker

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Page 2 of 2

STATEMENT OF OWNERSHIP

Mail Stop Assignment Recordation Services U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

 U.S. Serial No.:
 14/853,556

 Filing Date:
 September 14, 2015

 Title:
 SHORT-RANGE DEVICE INTERACTIONS FOR FACILITATING

 PARTIAL USES OF CLUSTERED ACCESS RIGHTS

 Inventors:
 Dennis Denker, Shigeki Hirose, and Jonathan Scott Wall

Assignment Branch:

Based on information and belief, certain inventions and improvements disclosed in the aboveidentified patent application and/or a patent application in the above-identified patent application's family were invented while **Mr. Shigeki Hirose** was employed by **Live Nation Entertainment**, **Inc.**

Any right, title, and interest in the above-identified patent application of employees is believed to be owned by Live Nation Entertainment, Inc., pursuant to applicable common law ownership case law for employees and "hired to invent" doctrines.

UII. Signe

Dated: July 10, 2018

Ellie Schwimmer Senior Vice President, Legal Affairs Live Nation Entertainment, Inc. 9348 Civic Center Drive Beverly Hills, CA 90210

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STATEMENT OF OWNERSHIP

Mail Stop Assignment Recordation Services U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

U.S. Serial No.: 14/853,556 Filing Date: September 14, 2015 Title: SHORT-RANGE DEVICE INTERACTIONS FOR FACILITATING PARTIAL USES OF CLUSTERED ACCESS RIGHTS Inventors: Dennis Denker, Shigeki Hirose, and Jonathan Scott Wall

Assignment Branch:

Based on information and belief, certain inventions and improvements disclosed in the aboveidentified patent application and/or a patent application in the above-identified patent application's family were invented while **Mr. Jonathan Scott Wall** was employed by Live Nation Entertainment, Inc.

Any right, title, and interest in the above-identified patent application of employees is believed to be owned by Live Nation Entertainment, Inc., pursuant to applicable common law ownership case law for employees and "hired to invent" doctrines.

Signe

Dated: Joly 10,2018

Ellie Schwimmer Senior Vice President, Legal Affairs Live Nation Entertainment, Inc. 9348 Civic Center Drive Beverly Hills, CA 90210

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RECORDED: 05/13/2019