

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHUNG WON SEO	11/06/2018
SEUNGHYEONG LEE	11/06/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GRACENOTE, INC.
<b>Street Address:</b>	2000 POWELL STREET
<b>City:</b>	EMERYVILLE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94608
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17450790
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)913-0002
<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>	
<b>Phone:</b>	3129130001
<b>Email:</b>	docketing@mbhb.com
<b>Correspondent Name:</b>	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
<b>Address Line 1:</b>	300 S. WACKER DRIVE
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	18-1165-US-CON
<b>NAME OF SUBMITTER:</b>	LAWRENCE H. AARONSON
<b>SIGNATURE:</b>	/Lawrence H. Aaronson/
<b>DATE SIGNED:</b>	10/14/2021
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

Attorney Docket No.: 18-1165-US

Pat. App. No.:

Inventor(s): Chung Won Seo, Seunghyeong Lee

Filing Date:

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

Gracernote, Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**DYNAMIC PLAYOUT OF TRANSITION FRAMES  
WHILE TRANSITIONING BETWEEN  
PLAYOUT OF MEDIA STREAMS**

and identified as:

**Attorney Docket No. 18-1165-US**


in the law offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and the application number of said application when officially known.

The undersigned warrant himself or herself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

The undersigned agrees that an electronic signature is sufficient to execute this Assignment.


Signature:  Date: \_\_\_\_\_  
Name: Chung Won Seo

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Seunghyeong Lee

The undersigned agrees that an electronic signature is sufficient to execute this Assignment.

Signature: \_\_\_\_\_  
Name: Chung Won Seo

Date: \_\_\_\_\_

Signature:  \_\_\_\_\_  
Name: Seunghyeong Lee

Date: \_\_\_\_\_