

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5224776

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KURT R. THIELEN	10/08/2018
PETER DUNKER	10/07/2018
MARKUS K. CREMER	10/08/2018
STEVEN D. SCHERF	10/04/2018
SHASHANK MERCHANT	10/05/2018
RECEIVING PARTY DATA	
Name:	GRACENOTE, INC.
Street Address:	2000 POWELL STREET, SUITE 1500
City:	EMERYVILLE
State/Country:	CALIFORNIA
Postal Code:	94608
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16182201
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	3129130001
Email:	docketing@mbhb.com, huffman@mbhb.com
Correspondent Name:	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
Address Line 1:	300 SOUTH WACKER DRIVE, 32ND FLOOR
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	18-1020-US
NAME OF SUBMITTER:	GREGORY M. HUFFMAN
SIGNATURE:	/Gregory M. Huffman/
DATE SIGNED:	11/06/2018
Total Attachments: 10	
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ASSIGNMENT

Attorney Docket No.: 18-1020-US

Pat. App. No.: 16/182,201

Inventor(s): Kurt R. Thielen, Peter Dunker, Markus K. Cremer,
Steven Scherf, and Shashank Merchant

Filing Date: 11/06/2018

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:

**MODIFYING PLAYBACK OF REPLACEMENT CONTENT
BASED ON CONTROL MESSAGES**

and identified as:

Attorney Docket No. 18-1020-US

in the law offices of MCDONNELL BOEHNNEN 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: K. Thiel Date: 10/8/2018
Name: Kurt R. Thiel

Signature: _____ Date: _____
Name: Peter Dunker

Signature: _____ Date: _____
Name: Markus K. Cremer

Signature: _____ Date: _____
Name: Steven Scherf

Signature: _____ Date: _____
Name: Shashank Merchant

ASSIGNMENT

Attorney Docket No.: 18-1020-US
Inventor(s): Kurt R. Thielen, Peter Dunker, Markus K. Cremer,
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Signature: _____ Date: _____
Name: Kurt R. Thielen

Signature:  _____ Date: 10/7/2018
Name: Peter Dunker

Signature: _____ Date: _____
Name: Markus K. Cremer

Signature: _____ Date: _____
Name: Steven Scherf

Signature: _____ Date: _____
Name: Shashank Merchant

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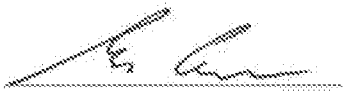
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Signature: _____ Date: _____
Name: Kurt R. Thielen

Signature: _____ Date: _____
Name: Peter Dunker

Signature:  Date: 10/6/18
Name: Markus K. Cremer

Signature: _____ Date: _____
Name: Steven Scherf

Signature: _____ Date: _____
Name: Shashank Merchant

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Attorney Docket No.: 18-1020-US

Pat. App. No.: 16/182,201

Inventor(s): Kurt R. Thielen, Peter Dunker, Markus K. Cremer,
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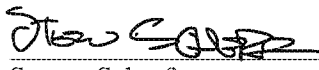
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Signature: _____ Date: _____
Name: Kurt R. Thielen

Signature: _____ Date: _____
Name: Peter Dunker

Signature: _____ Date: _____
Name: Markus K. Cremer

Signature:  _____ Date: 10/4/2018
Name: Steven Scherf

Signature: _____ Date: _____
Name: Shashank Merchant

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Name: Kurt R. Thielen

Signature: _____ Date: _____
Name: Peter Dunker

Signature: _____ Date: _____
Name: Markus K. Cremer

Signature: _____ Date: _____
Name: Steven Scherf

Signature: S.C. Merchant Date: 10/5/2018
Name: Shashank Merchant