506744730 06/30/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6791546

| SUBMISSION TYPE: | | NEW ASSIGNMENT | | |
|---|--------------------|---|----------------------|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | | |
| CONVEYING PARTY DA | ATA | | | |
| | | Name | Execution Date | |
| CHUNG WON SEO | | | 08/25/2016 | |
| YOUNGMOO KWON | | | 08/25/2016 | |
| JAEHYUNG LEE | | | 08/25/2016 | |
| RECEIVING PARTY DA | ТА | | | |
| Name: | GRAC | ENOTE, INC. | | |
| Street Address: | 2000 POWELL STREET | | | |
| City: | EMERYVILLE | | | |
| State/Country: | CALIFORNIA | | | |
| Postal Code: | 94608 | | | |
| Application Number: | | 17305116 | | |
| | e sent to | (312)913-0002 b the e-mail address first; if that is und i; if that is unsuccessful, it will be se 3129130001 psgdocket@mbhb.com MCDONNELL BOEHNEN HULBERT & 300 S. WACKER DRIVE CHICAGO, ILLINOIS 60606 | nt via US Mail. | |
| | | | | |
| ATTORNEY DOCKET NU NAME OF SUBMITTER: | | | LAWRENCE H. AARONSON | |
| SIGNATURE: | | /Lawrence H. Aaronson/ | | |
| DATE SIGNED: | | | 06/30/2021 | |
| | | 00/30/2021 | | |
| Total Attachments: 1 source=16-191-CON5_as | sianmer | t#page1_tif | | |
| | | | | |

ASSIGNMENT

Attorney Docket No.: 16-191

Pat. App. No.:

Inventor(s): Chung Won Seo, Youngmoo Kwon, Jaehyung Lee

Filing Date:

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

Gracenote, 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:

MEDIA CHANNEL IDENTIFICATION WITH VIDEO MULTI-MATCH DETECTION AND DISAMBIGUATION BASED ON AUDIO FINGERPRINT

and identified as:

Attorney Docket No. 16-191

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 Leiters 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 assignce 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: Name:

 Mh
 Date:
 Mg, 25, 20/6

 Chung Won Seo
 H
 Date:
 Mg, 25, 20/6

 H
 B
 H
 Date:
 Mg 27, 20/6

 Youngmoo Kwon
 Date:
 Mg 27, 20/6

 Jaehvung Lee
 Date:
 Mug 25, 20/6

Signature: Name:

Signature:

Jachvung Lee

Name:

MODONNELL BOEHNEN NUMERT & BEFORDER UP 305 SOUTH WACKER DRIVE CHICAGO, KLINOIS 80908 TELEFHORE (\$12) 513-0061

RECORDED: 06/30/2021