## 504897140 05/03/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4943883

| SUBMISSION TYPE:      | NEW ASSIGNMENT |  |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| DONG WOOK KIM | 04/26/2018     |

#### **RECEIVING PARTY DATA**

| Name:   | ne: NHN ENTERTAINMENT CORPORATION |  |
|---|-----------------------------------|--|
| Street Address: (SAMPYEONG-DONG), 16 DAEWANGPANGYO-RO 645BEON-GIL |                                   |  |
| Internal Address: BUNDANG-GU, GYEONGGI-DO                         |                                   |  |
| City:   | ity: SEONGNAM-SI                  |  |
| State/Country:  | KOREA, REPUBLIC OF                |  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15963098 |

#### **CORRESPONDENCE DATA**

#### Fax Number:

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.

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| ATTORNEY DOCKET NUMBER: | P7871US00  |
|-------------------------|--|
| NAME OF SUBMITTER:      | HAE-CHAN PARK  |
| SIGNATURE:              | /hae-chan park/  |
| DATE SIGNED:            | 05/03/2018   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

# **Total Attachments: 2**

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PATENT 504897140 REEL: 045699 FRAME: 0539

### ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

|                 | ☐ The attached application e  MESSAGE, USER TERMINAL PERFOR  READABLE MEDIUM FOR PERFORMIN  P7871US00 ("Application"), which claims  Korean Patent Application No. 10-2017-0  Korean Patent Application No. 10-2017-0 | <b>IG THE SAME</b> having attorney priority from: 053621, filed <u>April 26, 2017</u> . | UTER             |
|-----------------|---|---|------------------|
|                 | As amended on   |   | (if applicable); |
|                 | The above-identified Application was made   | le or authorized to be made by  | me.              |
| in the          | I believe that I am the original inventor or e Application.   | an original joint inventor of a cl  | laimed invention |
| punish<br>both. | I hereby acknowledge that any willful fals<br>shable under 18 U.S.C. § 1001 by fine or imp  |   |                  |
|                 | Whereas, Assignor has invented certain rufacture, compositions of matter, and/or implication,   |   |                  |
| to:             | Whereas, Assignor desires to convey all   | rights, titles, and interests in  | and to the same  |
| AW*             | NHN Entertainmei<br>(Sampyeong-dong)<br>Bundang-gu, Gyeo<br>Seongnam-si<br>Republic of Korea  | i, 16 Daewangpangyo-ro 645be  | eon-gil          |

NHN Entertainment Corporation herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including

Docket No. P7871US00

(without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

| First Inventor's and Assignor's Name:      | Dong Wook KIM   |
|--|---|
| Address:                                   | (Sampyeong-dong), 16 Daewangpangyoro 645 gii<br>Bundang-gu, Gyeonggi-do<br>Seongnam-si<br>Republic of Korea |
| First Inventor's and Assignor's Signature: | <u> </u>  |
| Date:                                      | April 26,2=18   |

RECORDED: 05/03/2018