

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5133629

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NHN ENTERTAINMENT CORP.	09/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IDEAHUB INC.
<b>Street Address:</b>	7 HEOLLEUNGRO, SEOCHO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8346892
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	hs.ko@ideahub.co.kr
<b>Correspondent Name:</b>	HYUNGSEOK KO
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<b>NAME OF SUBMITTER:</b>	HYUNGSEOK KO
<b>SIGNATURE:</b>	/harold ko_ideahub/
<b>DATE SIGNED:</b>	09/11/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 3</b>	
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source=Patent Assignment Agreement_20180911#page3.tif	

PATENT ASSIGNMENT

WHEREAS, **NHN Entertainment Corp.** having a place of business at 16, Daewangpangyo-ro, 645beon-gil, Budang-gu, Seongnam-si, Republic of Korea(hereinafter, "Seller") is the owner of US8,346,892 and its foreign family patents listed in Attachment A annexed hereto (collectively referred to as the "Patents"); and

WHEREAS, **Ideahub Inc.**, having a place of business at 7 Heolleungro, Seocho-gu, Seoul, Republic of Korea (hereinafter, "Purchaser") is desirous of acquiring the right, title and interest in, to and under the said Patents.

*Now, Therefore,*

For good and valuable consideration, the receipt of which is hereby acknowledged, Seller does hereby sell, assign, transfer and set over to Purchaser, the Patents aforesaid, and any inventions claimed in said Patent, any reissue or reissues of said Patents already granted and which may be granted, any certificates of reexamination already granted and which may be granted the same to be held and enjoyed by Purchaser for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said Patents are or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by Seller, if this assignment and sale had not been made; together with all claims for damages by reason of past, current, and future infringement and/or provisional rights under said Patents, with the right to sue for, and collect the same for its own use and behalf, and/or the use and behalf of its successors, assigns or other legal representatives.

And, Seller, hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States on said inventions to Purchaser as assignee of the entire interest, and hereby covenants that Seller has full right to convey the entire interest herein assigned, and that, except as otherwise provided

between the parties, Seller has not executed, and will not execute, any agreements in conflict therewith.

In Witness Whereof, Seller has caused this Patent Assignment to be executed by its duly authorized representative.

**NHN Entertainment Corp.**

By: 

Name: Myungshun Park

Title: IP team Manager

Date: 11-Sep-2018

**Attachment A**

No.	Filing date	Filing No.	Issue Date	Patent No.
1	2005-12-16	11/721,396	2013-01-01	8,346,892
2	2004-12-17	10-2004-0107496	2008-02-27	10-0807815
3	2005-12-16	2007-546569	2010-07-23	4,555,345