

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5702167

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ILHWAN SEO	08/27/2019
HYEJEONG JEONG	08/29/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NETMARBLE CORPORATION
<b>Street Address:</b>	20TH FL, 300, DIGITAL-RO, GURO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	08379
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16560053
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)225-9753
<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>	414-225-9755
<b>Email:</b>	docketing@boylefred.com
<b>Correspondent Name:</b>	JAY G. DURST
<b>Address Line 1:</b>	840 N. PLANKINTON AVE
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53203
<b>ATTORNEY DOCKET NUMBER:</b>	2653.018
<b>NAME OF SUBMITTER:</b>	JAY G. DURST
<b>SIGNATURE:</b>	/Jay G. Durst/
<b>DATE SIGNED:</b>	09/05/2019
<b>Total Attachments: 2</b>	
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source=Executed Assignment (for recording) (01385680x9FF51)#page2.tif	

DECLARATION AND ASSIGNMENT  
UTILITY PATENT APPLICATION

TITLE OF INVENTION:

SERVER AND METHOD FOR PROVIDING GAME SERVICE BASED ON INTERFACE EXPRESSING AUDIO VISUALLY

I. DECLARATION OF INVENTOR

As the below named inventor, I hereby declare that:

This declaration is directed to the following APPLICATION having the above-identified title:

X The attached United States non-provisional patent application, or  
     United States non-provisional patent application or PCT international Application Number \_\_\_\_\_  
filed on \_\_\_\_\_

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including each claim.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

II. ASSIGNMENT OF THE INVENTION

In consideration of the sum of One Dollar (\$1) and other good and valuable considerations, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to Netmarble Corporation, a corporation located at 20<sup>th</sup> Floor, 300, Digital-ro, Guro-gu, Seoul 08379 Republic of Korea, (hereby referred to as "ASSIGNEE"), its successors and assigns, my entire right, title and interest in said invention in my capacity as an inventor or as otherwise acquired by me, to the above identified invention as set forth in the APPLICATION for United States Letters Patent therefore and any divisions or continuations thereof, and any Letters Patent obtained for the said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or their assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, their successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

Application Number: **16/560,053**

Filing Date: **4 September 2019**

Executed and delivered this 29<sup>th</sup> day of August, 2019.

IL HWAN SEO  
Inventor Name: ILHWAN SEO

SUNYOUNG JANG

WITNESS

DECLARATION AND ASSIGNMENT  
UTILITY PATENT APPLICATION

TITLE OF INVENTION:

SERIES AND METHOD FOR PROVIDING GAME SERVICE BASED ON INTERFACE EXPRESSING AUDIO VISUALLY

I. DECLARATION OF INVENTOR

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       United States non-provisional patent application or PCT international Application Number \_\_\_\_\_  
filed on \_\_\_\_\_

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II. ASSIGNMENT OF THE INVENTION

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The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or their assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

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I further covenant that I will at all times, communicate to the ASSIGNEE, their successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

Application Number: 16/560,053

Filing Date: 4 September 2019

Executed and delivered this 27th day of August, 2019.

[Signature]  
Inventor Name: HYEJONG JONG

[Signature]  
SUNYOUNG JANG

WITNESS

PATENT

REEL: 050275 FRAME: 0504