505798644 12/02/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5845473

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANG HEE SHIN	11/20/2019
SEONG DO SON	11/20/2019
HAK JUN KIM	11/22/2019

RECEIVING PARTY DATA

Name:	GAIA3D, INC.
Street Address:	702HO, 278, BEOTKKOT-RO, GEUMCHEON-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16700419

CORRESPONDENCE DATA

Fax Number: (314)726-7501

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.

Phone: 314-726-7500 Email: kslefile@hdp.com

Correspondent Name: HARNESS, DICKEY AND PIERCE, PLC. 7700 BONHOMME AVENUE, SUITE 400 Address Line 1:

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 15234-000213-US-COA	
NAME OF SUBMITTER:	KISUK LEE
SIGNATURE:	/Kisuk Lee/
DATE SIGNED:	12/02/2019

Total Attachments: 5

source=000213uscoa_Assignment#page1.tif source=000213uscoa_Assignment#page2.tif source=000213uscoa Assignment#page3.tif source=000213uscoa_Assignment#page4.tif source=000213uscoa_Assignment#page5.tif

> **PATENT REEL: 051152 FRAME: 0478** 505798644

DECLARATION AND ASSIGNMENT¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

METHOD OF PROVIDING 3D GIS WEB SERVICE

This declaration is direct	cted to (check one):
	The attached application, or

United States application or PCT international application number 16/700,419 filed on 2 December 2019.

The above-identified application was made or authorized to be made by me.

As a below named inventor, I hereby declare that:

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

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

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to GAIA3D, Inc., 702ho, 278, Beotkkot-ro, Geumcheon-gu, Seoul, Republic of Korea (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof,

-

¹ This form requires an ADS if one has not yet been filed.

Attorney Docket No. 15234-000213-US-NP

DECLARATION AND ASSIGNMENT

and all copyright rights throughout the world in the aforesaid application and the subject matter

disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full

end of the term for which the Letters Patent, utility model, or other similar rights, are granted and

any extensions thereof as fully and entirely as the same would have been held by me had this

assignment and sale not been made, and the right to sue for, and recover for past infringements

of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or

other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for

the making and prosecution of any applications of any type for patent, utility model, or other similar

rights, and for copyright, in the United States and in all foreign countries including, but not limited

to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any

derivation proceedings relating thereto, and as to Letters Patent any supplemental examination,

derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review,

or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the

said invention, the United States application for patent, or Letters Patent therefor, and to testify in

support thereof, for the benefit of Assignee without further or other compensation than that above

set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license,

agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the

United States of America to Assignee, and request that any official of any country or countries

foreign to the United States, whose duty it is to issue or grant patents and applications as

aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this

Declaration and Assignment any further identification which may be necessary or desirable in

order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this

document.

Page 2 of 5

REEL: 051152 FRAME: 0480

DECLARATION AND ASSIGNMENT

ME		
Sang Hee SHIN	Witness	
20 th November 2019 Dated	Witness	

DECLARATION AND ASSIGNMENT

孫性為		
Seong Do SON	Witness	
2019-11-20	***************************************	
Dated	Witness	

DECLARATION AND ASSIGNMENT

Hak Jun KIM Witness	고 학군 	
		Witness
22 th November 2019 Dated Witness	22 th November 2019 Dated	Witness

Page 5 of 5