

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY	06/15/2018
RECEIVING PARTY DATA	
Name:	IDEAHUB INC
Street Address:	7 HEOLLEUNGRO STE909 SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 10	
Property Type	Number
Patent Number:	9325558
Application Number:	15069443
Patent Number:	8645562
Patent Number:	9338211
Patent Number:	9467493
Application Number:	15287260
Patent Number:	8909805
Patent Number:	9369512
Application Number:	14247488
Application Number:	15990251
CORRESPONDENCE DATA	
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<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>	
Email:	ks.im@ideahub.co.kr
Correspondent Name:	IDEAHUB INC
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Address Line 4:	SEOUL, KOREA, REPUBLIC OF
NAME OF SUBMITTER:	KYEONGSU IM
SIGNATURE:	/s/kyeongsu

DATE SIGNED:	06/22/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=Aerospace Univ Assignment#page1.tif source=Aerospace Univ Assignment#page2.tif source=Aerospace Univ Assignment#page3.tif	

Exhibit A

PATENT ASSIGNMENT

WHEREAS, Industry-University Cooperation Foundation Korea Aerospace University having a place of business at 76 Hanggongdaehak-ro, Deogyang-gu, Goyang-si, Gyeonggi-do, Republic of Korea(hereinafter, "Seller") is the co-owner of certain United States and foreign 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 for 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.

Industry-University Cooperation Foundation Korea Aerospace University

By: 

Name: SANGCHUL LEE

Title: Director

Date: 15 JUN 18

Attachment A

No.	Title	Country	Application No.	Patent No.	Assignee
1-1	Apparatus and Method for providing streaming contents	KR (원출원)	10-2011-0071871		Electronics and Telecommunications Research Institute Industry-University Cooperation Foundation Korea Aerospace University
		KR (분할1)	10-2014-0002413	1829445	
		KR (분할2)	10-2014-0125879	1829448	
		KR (분할3)	10-2018-0015874		
		PCT	PCT/KR2011/005357		
		US (원출원)	13/811,376	9,325,558	
		US (계속1)	15/069,443		
		CN (원출원)	201180045280		
		EP (원출원)	11809870.6		
1-2	Apparatus and Method for providing streaming contents	EP (분할1)			Electronics and Telecommunications Research Institute Industry-University Cooperation Foundation Korea Aerospace University
		KR (원출원)	10-2011-0089923	1206111	
		KR (분할1)	10-2012-0030037	1754414	
		KR (분할1-1)	10-2017-0082921		
		KR (분할2)	10-2012-0102672	1371965	
		KR (분할2)	10-2012-0102673	1372161	
		PCT	PCT/KR2011/006573		
		US (원출원)	13/820,955	8,645,562	
		US (계속1)	14/146,434	9,338,211	
		US (계속2)	14/146,500	9,467,493	
		US (계속3)	15/287,260		
		CN (원출원)	201180042908	71201180042908.3	
		CN (분할1)	201710014153.5		
		EP (원출원)	11823752.8	2615841	
		HK	11823752.8	2615841	
1-3	Apparatus and Method for providing streaming contents	FR	11823752.8	2615841	Electronics and Telecommunications Research Institute Industry-University Cooperation Foundation Korea Aerospace University
		DE	11823752.8	2615841	
		NL	11823752.8	2615841	
		EP (분할1)	17205954.5		
		KR (원출원)	10-2011-0100706	1206698	
		KR (분할1)	10-2012-0029056		
		KR (분할2)	10-2012-0102674	1285058	
		KR (분할3)	10-2012-0102675	1291962	
		PCT	PCT/KR2011/007287		
		US (원출원)	13/824,995	8,909,805	
		US (계속1)	14/247,697	9,369,512	
		US (계속2)	14/247,488		
		US (계속3)			
		CN (원출원)	201180048729	ZL 201180048729.0	
		CN (계속1)	201610221910.1		
		EP (원출원)	11830913.7		
		EP (분할1)	17162129.5		
		EP (분할2)	17184168.7		