

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4203743

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DONG KYUE KIM	12/19/2016
BYONG DEOK CHOI	12/08/2016
KWANG HYUN JEE	12/21/2016
RECEIVING PARTY DATA	
Name:	ICTK CO., LTD.
Street Address:	3RD FLOOR, 323, PANGYO-RO, BUNDANG-GU, SEONGNAM-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	463-400
Name:	IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)
Street Address:	222, WANGSIMNI-RO, SEONGDONG-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	133-791
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15302932
CORRESPONDENCE DATA	
Fax Number:	(503)459-4142
<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>	
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Correspondent Name:	ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP
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ATTORNEY DOCKET NUMBER:	MHN16314PCTUS
NAME OF SUBMITTER:	KAILEY BURRUS

SIGNATURE:	/Kailey Burrus/
DATE SIGNED:	12/28/2016
Total Attachments: 3 source=Assignment (as filed) 12-28-16#page1.tif source=Assignment (as filed) 12-28-16#page2.tif source=Assignment (as filed) 12-28-16#page3.tif	

ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

1. Dong Kyue KIM, residing in Seoul, Republic of Korea;
2. Byong Deok CHOI, residing in Seoul, Republic of Korea; and
3. Kwang Hyun JEE, residing in Gyeonggi-do, Republic of Korea;

have invented an invention entitled **AUTHENTICATION APPARATUS AND METHOD**, for which I/we have executed an application for Letters Patent of the United States (check one):

- on the date I/we executed this assignment;
- as U.S. Patent Application No. _____, filed _____;
- as International Application No. PCT/KR2015-001577, filed April 9, 2015;

I/we authorize the attorneys at **Alleman Hall McCoy Russell & Tuttle LLP** (Customer Number 50488) to insert the filing date and application number of said application when known.

WHEREAS, **ICTK CO., LTD.** ("Assignee"), a Korean corporation, having its principal place of business at 3rd Floor, 323, Pangyo-ro, Bundang-gu, Seongnam-si, 463-400 Gyeonggi-do, Republic of Korea, and **IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)** ("Assignee"), a Korean corporation, having its principal place of business at 322, Wangsimni-ro, Ssangdong-gu, 133-791 Seoul, Republic of Korea, desire that **ICTK CO., LTD.**, acquire a 50% undivided interest therein and **IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)** acquire a 50% undivided interest therein, collectively representing the entire interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignees, **ICTK CO., LTD.**, a respective 50% interest in the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and **IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)** a respective 50% interest in the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed.

I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignees, as the assignees of my/our entire right, title and interest in and to the same, for the sole use of the Assignees, their successors and assigns.

Further, I/we agree that I/we will communicate to Assignees, or their representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignees, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

1. Inventor Name: Dong Kyue KIM Signature: Dong Kyue Kim Date: Dec. 14, 2015
2. Inventor Name: Byong Deok CHOI Signature: _____ Date: _____
3. Inventor Name: Kwang Hyun JEE Signature: _____ Date: _____

ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

1. Dong Kyue KIM, residing in Seoul, Republic of Korea;
2. Byong Deok CHOI, residing in Seoul, Republic of Korea; and
3. Kwang Hyun JEE, residing in Gyeonggi-do, Republic of Korea;

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 () as U.S. Patent Application No. _____, filed _____;
 (X) as International Application No. PCT/KR2015/003577, filed April 9, 2015;

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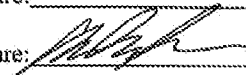
WHEREAS, ICTK CO., LTD. ("Assignee"), a Korean corporation, having its principal place of business at 3rd Floor, 323, Pangyo-ro, Bundang-gu, Seongnam-si, 463-400 Gyeonggi-do, Republic of Korea, and IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY) ("Assignee"), a Korean corporation, having its principal place of business at 222, Wangsimni-ro, Seongdong-gu, 133-791 Seoul, Republic of Korea, desire that ICTK CO., LTD., acquire a 50% undivided interest therein and IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY) acquire a 50% undivided interest therein, collectively representing the entire interest therein;

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Further, I/we agree that I/we will communicate to Assignees, or their representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignees, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

1. Inventor Name: Dong Kyue KIM Signature: _____ Date: _____
2. Inventor Name: Byong Deok CHOI Signature:  Date: Dec. 8, 2016
3. Inventor Name: Kwang Hyun JEE Signature: _____ Date: _____

ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

1. Dong Kyue KIM, residing in Seoul, Republic of Korea;
2. Byong Deok CHOI, residing in Seoul, Republic of Korea; and
3. Kwang Hyun JEE, residing in Gyeonggi-do, Republic of Korea;

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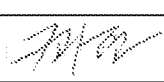
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IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

1. Inventor Name: Dong Kyue KIM Signature: _____ Date: _____
2. Inventor Name: Byong Deok CHOI Signature: _____ Date: _____
3. Inventor Name: Kwang Hyun JEE Signature:  Date: December 21, 2016