506766435 07/14/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6813252

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
BYONG DEOK CHOI	08/24/2018	
DONG KYUE KIM	08/17/2018	

RECEIVING PARTY DATA

Name:	ICTK CO., LTD.	
Street Address:	TWOSONEVENTUREFORUM BUILDING, SAMPYEONG-DONG 3F.	
Internal Address:	323 PANGYO-RO, BUNDANG-GU, SEONGNAM-SI	
City:	GYEONGGI-DO	
State/Country:	Country: KOREA, REPUBLIC OF	
Postal Code:	13488	
Name:	IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION	
Street Address:	222, WANGSIMNI-RO, SEONGDONG-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	04763	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17374626

CORRESPONDENCE DATA

506766435

Fax Number: (312)474-0448

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.

Email: docket@marshallip.com

Correspondent Name: MARSHALL, GERSTEIN & BORUN Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: SUITE 6300

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	32114/53070A
NAME OF SUBMITTER:	JEREMY D. PROTAS
SIGNATURE:	/Jeremy D. Protas/

PATENT REEL: 056855 FRAME: 0135 Total Attachments: 3
source=53070A Assignment Inventors_to_ICTK-IUCF#page1.tif
source=53070A Assignment Inventors_to_ICTK-IUCF#page2.tif
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PATENT REEL: 056855 FRAME: 0136

ASSIGNMENT

Appl. No.: 15/773,492

Filed: May 3, 2018

Title: Apparatus and Method for Generating Identification Key

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Byong Deok Choi and Dong Kyue Kim ("Assignor") agrees to assign and hereby does assign to ICTK CO., LTD. and IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY), Twosoneventureforum Building, Sampyeong-dong 3F., 323 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, REPUBLIC OF KOREA 13488; and 222, Wangsimni-ro, Seongdong-gu, Seoul, REPUBLIC OF KOREA 04763, respectively ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

- (i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions,
 - (ii) in and to all patents issuing on any of the foregoing,
- (iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing,
- (iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and
- (v) of priority including, but without limitation, the right to claim priority benefit of or to the
 Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee.

Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

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- (b) warrants except in favor of Assignee: (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and
- (c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

Date:	August 24, 2018	Signature: Byong Deok Chor				
Date:		Signature: Dong Kvue Kim				

- (b) warrants except in favor of Assignee; (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and
- (c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare. file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

Date:		Signature:	Signature: Byong Deok Choi				
DBB: 1 / /	P/2018	Signature:	Dery Sana Kune	Cysus.	<u>Kim</u>		