504974886 06/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5021632

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEYOUNG HUH	05/23/2018
ANDREW BENG JIN TEOH	05/09/2018
JUNG YEON HWANG	05/21/2018
SEOK HYUN KIM	05/21/2018
SOO HYUNG KIM	05/21/2018
SEUNG-HYUN KIM	05/21/2018
YOUNGSAM KIM	05/21/2018
JONG-HYOUK NOH	05/21/2018
SANGRAE CHO	05/21/2018
YOUNG SEOB CHO	05/21/2018
JIN-MAN CHO	05/21/2018
SEUNG HUN JIN	05/21/2018

RECEIVING PARTY DATA

Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	
Street Address:	218 GAJEONG-RO, YUSEONG-GU	
City:	DAEJEON	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	34129	
Name:	YONSEI UNIVERSITY, UNIVERSITY - INDUSTRY FOUNDATION (UIF)	
Street Address:	50 YONSEI-RO, SEODAEMUN-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	03722	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16016822

CORRESPONDENCE DATA

Fax Number: (703)854-1332

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent PATENT

504974886

REEL: 046189 FRAME: 0001

using a fax number if provided	; if that is unsuccessful, it will be sent via US Mail.	
e , ,	7038541331	
Email:	nail@Irkpatent.com	
Correspondent Name:	RK PATENT LAW FIRM	
Address Line 1:	1952 GALLOWS ROAD, SUITE 200	
Address Line 4:	VIENNA, VIRGINIA 22182-3823	
ATTORNEY DOCKET NUMBER:	P11585US	
NAME OF SUBMITTER: TAEKSOO LEE		
SIGNATURE: /Taeksoo Lee/		
DATE SIGNED:	ATE SIGNED: 06/25/2018	
Total Attachments: 6		
source=P11585_dec_asn#page1.ti	f	
source=P11585_dec_asn#page2.tif		
source=P11585_dec_asn#page3.tif		
source=P11585_dec_asn#page4.tif		
source=P11585_dec_asn#page5.tif		
source=P11585_dec_asn#page6.tif		

출원 자료서를 이용한 상용 또는 디자인 특허 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

PR20170155US

w 영의 영황 Title of Invention	METHOD AND APPARATUS FOR AUTHENTIFICATION OF USER USING BIOMETRIC				
	아래에 기영된 발명자로서, 본인은 아래와 같이 선언합니다:				
	As the below named inventor(s), I hereby declare that:				
	동 선언서 제출처:				
	The declaration is directed to:				
	☑ 청부원 출원,또는				
	The attached application, or				
	[] 이국 술원 또는 PCT 국제 출원 번호및 출원 일자				
	United States application or PCT international application number				
선언	PCT/KR####/###### filed on				
Declaration	상기 기재된 全용은 본인이 작성하였거나, 본인의 허락하에 본인 작성으로 신고되었습니다.				
	The above-identified application was made or authorized to be made by me.				
	본인은 본인이 단독 또는 공동 발명자와 함께 출원서에 주장된 발명사황을 발명한 사람이리고 믿습니다.				
	I believe that I am the original or an original joint inventor of a claimed invention in the application.				
	본인은 의도적인 허위 진술이 통 선언서에 기재되었을 경우 18 U.S.C. 1001 에 의거, 벌금형 또는 (5)년 이하의 정역형 또는 두 기지 형별을 모두 받을 수 있음을 인지합니다.				
	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.				
	NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s)				
Electronics and Telecommunications Research Institute 218 Gajeong-ro, Yuseong-gu, Daejeon, 34129, KOREA Republic of Korea					
9⊆ Assignment	YONSEI UNIVERSITY, UNIVERSITY INDUSTRY FOUNDATION (UIF) 50 Yonsel-ro, Seodaemun-gu, Seoul 03722, KOREA Republic of Korea				
	and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent Ic said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale				

출원 자료서를 이용한 실용 또는 디자인 특허 출연 선언 및 임도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

[PR20170155US
	the patent and the invention set forth compensation any power of attor continuation, divisional or reissue, or o I hereby covenant that no assignment be made or entered into which would o I further covenant that assignee(s) pertinent facts and documents relating equivalents as may be known and ac Illigation related thereto and will prom representatives any and all papers, in maintain, issue and enforce said app	he assignee(s), its heirs, successors, assigns and s) to communicate any facts known to it respecting therein, and to execute and deliver without further ney, Assignment, application, whether original, ther papers that may be necessary.
발명자의	방명자 성명(이용, 성): Inventor Name (First Middle LAST):	Seyoung HUH
법적성명 Legal Name Of Inventor	봤명자 사명: Inventor Signature	1 2 iming
	ឡភៈ Date:	2018/5123

공동 발명자의	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	Andrew Beng Jin Teoh
법적 성명 Legal Name	발명자 시명: Inventor Signature:	
Of Joint Inventor, If Any	일 자: Date	

Jung Yeon HWANG	벓명자 성명(이종, 성): Inventor Name (First Middle LAST):	공동 발영자의
	발명지 서영: Inventor Signature:	법적 성영 Legal Name
	일지: Date:	Of Joint Inventor, If Any

35	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	Seok Hyun Kim
발명자의 법적 성명 Legal Name	발명자 서영:	
Of Joint Inventor, If Any	읽지: Date:	

출원 자료서를 이용한 실용 또는 디자인 특허 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

PR20170155US

	 not been made. I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary. I hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. I further covenant that assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to me and will testify as to the same in any litigation related thereto and will promptly execute and deliver to assignee(s) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. 	
발명자의	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	Seyoung HUH
법적 성명 Legal Name	발명자 서명: Inventor Signature:	
Of Inventor	일자: Date:	

공동 발명자의	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	Andrew Beng Jin Teoh
법적 성명 Legal Name Of Joint	발명자 서명: Inventor Signature:	H
Inventor, If Any	일자: Date:	9/5/2018

공동 발명자의	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	
법적 성명 Legal Name Of Joint	발명자 서명: Inventor Signature:	
Inventor, If Any	일자: Date:	

공동 발명자의	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	
법적 성명 Legal Name Of Joint	발명자 서명: Inventor Signature:	
Inventor, If Any	일자: Date:	

출원 자료서를 이용한 삶용 또는 디자인 특히 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

PR20170155US

not been made. Lagree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary.

I hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

I further covenant that assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to me and will testify as to the same in any litigation related thereto and will promptly execute and deliver to assignee(s) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

발용자의 법적 성영 Legal Name Of Inventor	발영자 성영(01름, 성): Inventor Name (First Middle LAST):	
	발명자 서영: Inventor Signature:	
	읦지: Date:	

공동 뻝영자의	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	Andrew Beng Jin Teoh
법적 성명 Legal Name Of Joint	발명자 서영: Inventor Signature:	
Inventor, If Any	일 자 : Date:	

홍율 활용가리	발영자 성영(0)善, 성): Inventor Name (First Middle LAST):	
별적 성영 Legal Name Of Joint	발명자 서영: Inventor Signature:	苔云纲
Inventor, If Any	일자: Date:	21 May 2018

공동 발영자의	발명자 성명(이善, 성): Inventor Name (First Middle LAST):	Seok Hyun KIM
뻝꼭 성명 Legal Name Of Joint	발명자 서영: Inventor Signature:	-male
Inventor, If Any	일자: Date:	21 May 2018

Page 2

출원 자료서를 이용한 실용 또는 디자인 특허 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

PR20170155US

공동 발명자의	발명자 성명(01음, 성): Inventor Name (First Middle LAST):	
법적 성영 Legal Name Of Joint	발명자 서영: Inventor Signature:	The second se
Inventor, If Any	일자: Date:	21. May , 6/0

공동 발영자의	발명자 성명(이용, 성): Inventor Name (First Middle LAST):	Seung-Hyun KIM
발적 성영 Legal Name Of Joint	발영자 서영: Inventor Signature:	- AR
Inventor, If Any	없가: Date:	21 May 2018

공동 발명자의	발명자 성명(이종, 성): Inventor Name (First Middle LAST):	
법적 성영 Legal Name Of Joint	발명자 서명: Inventor Signature:	Mrs
Inventor, If Any	월 자: Date:	21 May 2018

공동 짧영자의	발영자 성영(이종, 성): inventor Name (First Middle LAST):	Jong-Hyouk NOH
법적 성영 Legal Name Of Joint	발명지 서명: Inventor Signature:	UNAN
Inventor, If Any	월자: Date:	21 May 2018

공동 발영자의	발명자 성영(이름, 성): Inventor Name (First Middle LAST):	Sangrae CHO
별적 성영 Legal Name Of Joint	발명지 서명: Inventor Signature:	LANK
Inventor, If Any	일자: Date:	>1 May 2018
		/

출원 자료서행 이용한 삶용 또는 디자인 특허 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

		PR20170155US
공동 발명자의 법적 성명 Legal Name Of Joint Inventor, If Any	발명자 성명(이름, 성): Inventor Name (First Middle LAST):	Young Seob CHO
	발명자 서명: Inventor Signature:	2 ₁ n
	일자: Date:	21 May 2018
	L	<u>,</u>

공동 발명자의	발명자 성영(01종, 성): Inventor Name (First Middle LAST):	Jin-Man CHO
범죄 성영 Legal Name Of Joint	발명자 서영: Inventor Signature.	BER
Inventor, If Any	읦자: Date:	21. May 2018

공동 발명자의	발명자 성명(01종, 성): Inventor Name (First Middle LAST):	Seung Hun JIN
별적 성영 Legal Name Of Joint Inventor, If Any	발영자 서영: Inventor Signature:	(PD)
	월자: Date:	N. Mary 2018

A total of _____ supplemental sheet(s) are attached hereto for additional inventors, if any.

Page 4