506241054 09/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6287798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BAE KEUN LEE	06/24/2013
JAE CHEOL KWON	06/24/2013
JOO YOUNG KIM	06/24/2013

RECEIVING PARTY DATA

Name:	KT CORPORATION
Street Address:	206, JEONGJA-DONG, BUNDANG-GU, SEONGNAM-SI,
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	463-711

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17014449

CORRESPONDENCE DATA

Fax Number: (571)267-7255

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: 5712677183 Email: email@iplsllc.com

IP LEGAL SERVICES, LLC **Correspondent Name:**

Address Line 1: P.O. BOX 651325

Address Line 4: STERLING, VIRGINIA 20165

ATTORNEY DOCKET NUMBER:	812.0126
NAME OF SUBMITTER:	YUJIN CHUN
SIGNATURE:	/yujin chun/
DATE SIGNED:	09/08/2020

Total Attachments: 4

source=118120126ParentExecutedAssignments#page1.tif source=118120126ParentExecutedAssignments#page2.tif source=118120126ParentExecutedAssignments#page3.tif source=118120126ParentExecutedAssignments#page4.tif

> **PATENT REEL: 053713 FRAME: 0770**

Customer No.: 76277 Attorney Docket No.: 812.0126

ASSIGNMENT

	ASSIGNMI	LN I	
Application	ı No. 17/014,449	Filing Date	09/08/2020
For acknowledg	r good and valuable consideration, the ged, the undersigned:	receipt and suffic	ciency of which is hereby
1)	LEE, Bae Keun		
2)	KWON, Jae Cheol		
3)	KIM, Joo Young		
who have m	nade certain new and useful inventions,	hereby sell, assig	n and transfer to
KT CORP	ORATION		
having an a 206, Jeongj Republic of	a-dong, Bundang-gu, Seongnam-si, Gyo	eonggi-do 463-71	1
title and in inventions a METHOD	ors, assigns and legal representatives (interest for the United States and all and improvements ("Inventions") relate FOR DERIVING A TEMPORAL PLANTAGE AND A STATEMPORAL PLANTAGE AND A STATEMPORA PLANTAGE AND A STATE	foreign countries d to	s, in and to any and all
APPARAT	US USING THE METHOD		,
As describe	d in an application for Letters Patent of 2020 and assigned U.S. Patent Se	the United States	of America filed on
of this Assi	ed here by filing date and serial number ignment, and in and to the application	 executed on eve and all division 	n date with the execution al, continuing, substitute,

not identified here by filing date and serial number, executed on even date with the execution of this Assignment, and in and to the application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues and extensions thereof.

The undersigned agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

The undersigned authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

Page 1 of 2

The undersigned hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

The undersigned authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

	INVENTOR	DATE
1)	B) 162	2013. 06. 24
	LEE, Bae Keun	
2)	32 21 3/c	DOB. 06. 24
	KWON, Jae Cheol	
3)		
	KIM, Joo Young	

Customer	No.	76277
Customer	NO	10211

Attorney Docket No.: 812.0126

ASSIGNMENT

	** ** ** ** ** ** ** ** ** ** ** ** **	
Application No. 17/014,449	Filing Date	09/08/2020
For good and valuable consideration acknowledged, the undersigned:	, the receipt and suffic	ciency of which is hereby
1) LEE, Bae Keun		
2) KWON, Jae Cheol		
3) KIM, Joo Young		
who have made certain new and useful invent	tions, hereby sell, assig	gn and transfer to
KT CORPORATION		
having an address at 206, Jeongja-dong, Bundang-gu, Seongnam-s Republic of Korea	i, Gyeonggi-do 463-71	I1
its successors, assigns and legal representative and interest for the United States and inventions and improvements ("Inventions") in	d all foreign countrie	signee"), the entire righters, in and to any and all
METHOD FOR DERIVING A TEMPORAL APPARATUS USING THE METHOD	AL PREDICTIVE MO	OTION VECTOR, AND
As described in an application for Letters Pate 09/08/2020 and assigned U.S. Pater	ent of the United States	s of America filed on 17/014,449 , or if
not identified here by filing date and serial nu of this Assignment, and in and to the applic renewal, reissue and all other applications for in the United States and all foreign countr privileges under any and all Letters Patent reissues and extensions thereof.	umber, executed on ever cation and all division Letters Patent which lies for the Invention	en date with the execution hal, continuing, substitute, have been or shall be filed s, and all the rights and
The undersigned agree that when requested	d will, without charg	e to Assignee but at its

The undersigned agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

The undersigned authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

Page 1 of 2

Customer No.: 76277 Attorney Docket No.: 812.0126

The undersigned hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

The undersigned authorize attorneys for Assignee to insert the filing date and serial number into this Assignment Agreement after the application for Letters Patent has been filed and a serial number has been assigned to such application.

IN WITNESS WHEREOF, we have hereunto signed our name(s) on the day and year set forth below.

	INVENTOR	DATE
1)		
	LEE, Bae Keun	
2)		
	KWON, Jae Cheol	
3)		June 24, 2013
-	KIM, Joo Young	