# 505195302 11/16/2018

# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5242071

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHNHA LEE	10/22/2018
SEHOON SON	10/22/2018

#### **RECEIVING PARTY DATA**

Name:	HYUNDAI AUTRON CO., LTD.
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City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06171

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16193705	

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ATTORNEY DOCKET NUMBER:	50540351
NAME OF SUBMITTER:	HARRY PARK
SIGNATURE:	/hp/
DATE SIGNED:	11/16/2018

#### **Total Attachments: 5**

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PATENT REEL: 047529 FRAME: 0253

#### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I (we), LEE, Johnha, JUNG, Sungwook, and SON, Sehoon have sold, assigned and transferred, and do hereby sell, assign and transfer, unto HYUNDAI AUTRON CO., LTD., a corporation of the Republic of Korea, having its principal office in 12, Teheran-ro 113-gil, Gangnam-gu, Seoul 06171, Republic of Korea, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in METHOD OF CONTROLLING SHIFTING TIME IN FULL THROTTLE STATE AND TRANSMISSION CONTROLLED BY METHOD (Attorney Docket No. 50540351):

Filing Date: November 16, 2018 Application No.: 16193705
described, illustrated and claimed in an application for Letters Patent of the
United States of America executed by us on the dates indicated by our
signatures below, together with the entire right, title and interest in and to the
application, and in and to Letters Patent which may be issued upon the
application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto HYUNDAI AUTRON CO., LTD., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefore in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize HYUNDAI AUTRON CO., LTD., to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **HYUNDAI AUTRON CO., LTD.**, for the sole use and benefit of **HYUNDAI AUTRON CO., LTD.**, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the

#### PATENT

equivalent authorities in foreign countries to issue the patents of their respective countries to HYUNDAI AUTRON CO., LTD.

We agree that, when requested, we will, without charge to HYUNDAI AUTRON CO., LTD., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in HYUNDAI AUTRON CO., LTD., its successors, assigns and legal representatives or nominees.

We covenant with **HYUNDAI AUTRON CO., LTD.**, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

We further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Signature of 1st Inventor: _	Signature	Date:	2018.10.22
Name of 1st Inventor:	LEE, Johnha		
Signature of 2nd Inventor: _ Name of 2nd Inventor: _	Signature  JUNG, Sungwook	Date:	
Signature of 3rd Inventor: _	Signature	Date:	2018.10.22
Name of 3rd Inventor:	SON, Sehoon		

Doc code: Oath

Document Description: Oath or declaration filed

PTO/AIA/02 (07-13) Approved for use through 11/30/2020. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	METHOD OF CONTROLLING SHIFTING TIME IN FULL THROTTLE STATE AND TRANSMISSION CONTROLLED BY METHOD			
This stateme	ent is directed to:			,
The atta	ached application,			
OR				
United 8	States application or PCT international	application number	filed on	
	ME of inventor to whom this su		es:	
	Name (first and middle (if any)) and F	amily Name or Surname)		
	Sungwook			
Residence (	except for a deceased or legally incap	acitated inventor):	<u> </u>	
<sub>city</sub> Suw	/on-si	State	Korea	
Mailing Addre	ss (except for a deceased or legally incapa			
301, Ora	ngeheim B, 26-5, Gwonseor	n-ro 882beon-gil, Yeo	ngtong-gu	
<sub>city</sub> Suw	on-si, Gyeonggi-do	State	<sub>zip</sub> 16683	<sub>Country</sub> KR
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.				
The above-identified application was made or authorized to be made by me:				
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
Relationshi	p to the inventor to whom this substitu	ite statement applies:		
Legal Representative (for deceased or legally incapacitated inventor only),				
As	ssignee,			
Pe	erson to whom the inventor is under a	obligation to assign,		
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or				
1c	int Inventor.			

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This collection of information is required by 36 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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# SUBSTITUTE STATEMENT

Circumstances permitting execution of this sub	stitute statement:		***************************************	
Inventor is deceased,				
Inventor is under legal incapacity,				
Inventor cannot be found or reached	after diligent effort, or			
Inventor has refused to execute the o	ath or declaration under 37 CF	R 1.63.		
If there are joint inventors, please check the a	ppropriate box below:			
or is currently submitted.	An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been			
OR				
Statement Supplemental Sheet (PTC	An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).			
	WARNING:			
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				
PERSON EXECUTING THIS SUBSTITUTE STA	ATEMENT:			
Name: Ryy Chang Lian			هو/ 10 /باد Date (Optional):	
Signature:				
APPLICANT NAME AND TITLE OF PERSON I				
If the applicant is a juristic entity, list the applica		ner:		
HYUNDAI AUTRON C Applicant Name:	O., L.ID.	*		
Title of Person Executing This Substitute Statement:				
The signer, whose title is supplied above/is authorized to act on behalf of the applicant.				
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):				
City Seoul	State	<sub>country</sub> Korea		
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)				
12, Teheran-ro 113-gil, Gangnam-gu				
<sub>city</sub> Seoul	State	<sub>Zip</sub> 06171	<sub>Country</sub> Korea	
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.				

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### **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
  presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to
  opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 047529 FRAME: 0258

**RECORDED: 11/16/2018**