

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6947787

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICANT NAME: AUBURN UNIVERSITY OFFICE OF INNOVATION ADVANCEMENT AND COMMERCIALIZATION previously recorded on Reel 052837 Frame 0323. Assignor(s) hereby confirms the APPLICANT NAME: AUBURN UNIVERSITY.

CONVEYING PARTY DATA

Name	Execution Date
SUNGMIN HONG	09/19/2019
MINSEOK SONG	10/22/2019
SONG-YUL CHOE	10/22/2019

RECEIVING PARTY DATA

Name:	HYUNDAI MOTOR COMPANY
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	KIA MOTORS CORPORATION
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	AUBURN UNIVERSITY
Street Address:	570 DEVALL DRIVE
Internal Address:	SUITE 102
City:	AUBURN
State/Country:	ALABAMA
Postal Code:	36832

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16661607

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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

PATENT

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3129130001
Email: fuller@mbhb.com
Correspondent Name: MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP
Address Line 1: 300 S WACKER DR STE 3200
Address Line 4: CHICAGO, ILLINOIS 60606-6709

ATTORNEY DOCKET NUMBER:	21-1177-US
NAME OF SUBMITTER:	JORI R. FULLER
SIGNATURE:	/Jori R. Fuller/
DATE SIGNED:	10/01/2021

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6137427

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUNGMIN HONG	09/19/2019
MINSEOK SONG	10/22/2019
SONG-YUL CHOE	10/22/2019
RECEIVING PARTY DATA	
Name:	HYUNDAI MOTOR COMPANY
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	KIA MOTORS CORPORATION
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06797
Name:	AUBURN UNIVERSITY-OFFICE OF INNOVATION ADVANCEMENT AND COMMERCIALIZATION
Street Address:	570 DEVAL DRIVE
Internal Address:	SUITE 102
City:	AUBURN
State/Country:	ALABAMA
Postal Code:	36832
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16661607
CORRESPONDENCE DATA	
Fax Number:	(312)321-4299
<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>	
Phone:	3123214200

Email:	usassignments@brinksgilson.com, sdamron@brinksgilson.com
Correspondent Name:	BRINKS GILSON & LIONE
Address Line 1:	455 N. CITYFRONT PLAZA DRIVE
Address Line 2:	SUITE 3600
Address Line 4:	CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	15438-1057
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NAME OF SUBMITTER:	ILHWAN YOO
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SIGNATURE:	/Ilhwan Yoo/
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DATE SIGNED:	06/04/2020
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Total Attachments: 3

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COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS, Sungmin HONG, Minseok SONG, and Song-Yul CHOE, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SYSTEM AND METHOD FOR RAPID CHARGING LITHIUM ION BATTERY, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, **Hyundai Motor Company**, a corporation organized and existing under the laws of Korea, having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, **Kia Motors Corporation**, having a place of business at 12, Heolleung-ro, Seocho-gu, Seoul 06797, Republic of Korea, and **Auburn University** having a place of business at Office of Innovation Advancement and Commercialization, 570 Devall Drive, Suite 102, Auburn, AL 36832, USA, hereinafter called the "Assignees", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which by the Assignors from Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignees, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like

exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DECLARATION

As the below-named inventor, I hereby declare that:

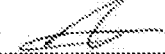
This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

I acknowledge my duty to disclose to the United States Patent and Trademark Office all information that I know to be material to the patentability of this application as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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.

Further, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

DATE: 09/19/2019

SIGNATURE: 
Sungmin HONG

DATE: _____

SIGNATURE: _____
Minseok SONG

DATE: _____

SIGNATURE: _____
Song-Yul CHOE

exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

I acknowledge my duty to disclose to the United States Patent and Trademark Office all information that I know to be material to the patentability of this application as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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.

Further, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

DATE: _____

SIGNATURE: _____
Sungmin HONG

DATE: 10.27.2019

SIGNATURE: Minseok Song
Minseok SONG

DATE: 10/22/2019

SIGNATURE: Chun Song Yul
Song-Yul CHOE