505155240 10/23/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAE JUN KO	09/25/2015
HYUN YOUNG PI	09/25/2015
KWI SEONG JEONG	09/25/2015

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16168428

CORRESPONDENCE DATA

505155240

Fax Number: (617)542-2241

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: (617) 348-1859

Email: IPDocketingBOS@mintz.com

Correspondent Name: MINTZ LEVIN

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER:	048299-620D01US
NAME OF SUBMITTER:	PETER F. CORLESS
SIGNATURE:	/Peter F. Corless/

PATENT REEL: 047281 FRAME: 0943

DATE SIGNED:	10/23/2018	
Total Attachments: 5		
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PATENT REEL: 047281 FRAME: 0944

COMBINED ASSIGNMENT & DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

ASSIGNMENT

THIS ASSIGNMENT	ſ, made this	day of	, <u>2015,</u> by ,
Jae Jun KO, Hyun Young PI, F	<u> Kwi Seong JEON</u>	\underline{G} (hereinafter referred to	as Assignor), residing at
#105-104, 9, Geumdang-ro 17	beon-gil, Gunpo	-si, Gyeonggi-do, Korea;	#107-1502, 2742,
Yonggu-daero, Suji-gu, Yongi	in-si, Gyconggi-d	lo, Korea; #703-801, 11,	Hyeonam-ro 125beon-gil
Suji-gu, Yongin-si, Gyeonggi-	do, Korea.		
WHERE AS, Assigno	or has invented ce	ertain new and useful imp	rovements in
INSPECTION APPARATUS	OF ELECTROL	YTE MEMBRANE, set	forth in a Patent
application for Letters Patent of	of the United Sta	tes, already filed on	maranananananananananananananananananana
Application No.	; and		

WHERE AS, HYUNDAI MOTOR COMPANY, a corporation organized under and pursuant to the laws of the Republic of Korea, having its principal place of business at 12, Heolleung-ro, Scocho-gu, Scoul, Republic of Korea; KIA MOTORS CORPORATION, a corporation organized under and pursuant to the laws of the Republic of Korea, having its principal place of business at 12, Heolleung-ro, Scocho-gu, Scoul, Republic of Korea (hereinafter referred to as Assignce), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all

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rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

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DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

INSPECTION APPARATUS OF ELECTROLYTE MEMBRANE

the specification of which was filed on	as Application No.
The above-identified application was made or authorized to be	e made by me.
I believe that I am the original inventor or an original joint in invention in the application.	ventor of a claimed
I have reviewed and understand the contents of the above-ide	ntified application.
I am aware of the duty to disclose to the Office all informatio material to patentability as defined in 37 C.F.R. 1.56.	n known to me to be

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.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary. I hereby authorize and request the attorneys/agent(s) at Mintz Levin Cohn Ferris Glovsky and Popco, P.C., One Financial Center, Boston. Massachusetts 02111, to insert the filing date and/ or Application No. of said application into this document.

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	Jae Jun Ko.
Date: Sep. 25, 2015	Jae Jun KO
Date: Sep. 25, 2015	Hyun Young PL Hyun Young Pl
	KWA Story Jeong

Date: Sep. 25, 2015

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PATENT

RECORDED: 10/23/2018 REEL: 047281 FRAME: 0949