503493262 09/23/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3539887

SUBMISSION TYPE:		N	EW ASSIGNMENT				
NATURE OF CONVEYANCE:		A	ASSIGNMENT				
CONVEYING PARTY DA	ATA						
			me			Execution Date	
HYUN SUB KIM						07/08/2015	
NAK KYOUNG KONG						07/08/2015	
YOUNG SUB OH						07/08/2015	
JIN HEE LEE						07/08/2015	
YONG HO SEO						07/08/2015	
RECEIVING PARTY DA	ТА						
Name:		HYUNDAI MOTOR COMPANY					
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU						
City:	SEOUL						
State/Country:	KOREA, REPUBLIC OF						
Postal Code:	137-938						
PROPERTY NUMBERS Total: 1 Property Type			Number				
		1486344	10				
CORRESPONDENCE D	 ΛΤΛ						
Fax Number:		(202)756	5-8087				
Correspondence will be	e sent to	the e-n	nail address first; if that is is unsuccessful, it will be				
			756-8000				
Email:	nail: lcruz		@mwe.com, ipdocketmwe@mwe.com				
Correspondent Name:		MCDERMOTT WILL & EMERY LLP					
Address Line 1:	THE		MCDERMOTT BUILDING				
Address Line 2:		500 NOF	JORTH CAPITOL STREET, N.W.				
Address Line 4:		WASHINGTON, D.C. 20001					
ATTORNEY DOCKET NUMBER:			02343-0111				
NAME OF SUBMITTER:		LY	LYNN CRUZ				
SIGNATURE:		/L	/Lynn Cruz/				
DATE SIGNED:		09	0/23/2015				

Total Attachments: 3

source=3_092343-0111_DeclarationAndAssign#page1.tif
source=3_092343-0111_DeclarationAndAssign#page2.tif
source=3_092343-0111_DeclarationAndAssign#page3.tif

Attorney Docket No. 092343-0111

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

SMART GLASS USING GUIDED SELF-ASSEMBLED PHOTONIC CRYSTAL

which application is:

\boxtimes	attached, or

United States application number or PCT international application number_______ filed on______.

The above-identified application was made or authorized to be made by me.

In the event that the filing date and/or application number are not entered above at the time I execute this document, and if such information is deemed necessary. I hereby authorize and request the registered practitioners of **McDermott Will & Emery LLP**, associated with the Customer Number 20277, to insert above the filing date and/or application number of the application.

I hereby acknowledge that any willful false statement made in this declaration is purishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Page 1 of 3

PATENT REEL: 036674 FRAME: 0419

Attorney Docket No. 092343-0111

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign to

Hyundai Motor Company, Kia Motors Corporation and INDUSTRY ACADEMY COOPERATION FOUNDATION OF SEJONG UNIVERSITY

having an address 12, Heofleung-ro, Seocho-gu, Seoul, 137-938, Republic of Korea; 12, Heofleung-ro, Seocho-gu, Seoul, 137-938, Republic of Korea and (Gunja-dong, Sejong Univ.) 209, Neungdong-ro, Gwangjin-gu Seoul, 143-747, Republic of Korea, respectively (hereinafter designated as the Assignce), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in this document.

I hereby confirm any prior assignment to Assignee, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignce and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforessid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Leiters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

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

Page 2 of 3

PATENT REEL: 036674 FRAME: 0420

Attorney Docket No. 092343-0111

Legsl same of first inventor	
KIM, Hyun Sub	
First inventor's stengthe	
rus menos s signamic	Oste
	July 8, 2015
construction of the second sec	
Legol name of second investor, if any	
KONG, Nak Kyoung	
Second investor's signature	Dane
L'AC.	July 8, 2015
Q ~ 1	8.849, V5.891, V
Legal name of third inventor, if any	
OH, Young Sub	
Third seventor's signature	Date
191 Am	
Card Ser	July 8, 2015
Legal name of fourth inventor, if any	
LEE, Jin Hee	
Fourth inventor's Syntage	Öette
· /	conc
/ Contraction	July 8, 2015
Contra New Marine	1
Loget nemic of fifth invention, if any	
SEO, Yong Ho	
Fifth inventor's signature	Date
10 ×1, 22	July 8, 2015
$\ell^{-1} \vee \ell^{-1}$	

Page 3 of 3

RECORDED: 09/23/2015