PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

	BMISSION TYPE: NEW ASSIGNMENT			
NATURE OF CONVE	YANCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
Name Execution Date				
Kyoung-Hwan NOH				
Jun-Ho LEE			12/05/2012	
Hyun-Kook KIM		12/05/2012		
Hyun-Joong KIM			12/05/2012	
RECEIVING PARTY D	ΑΤΑ			
Name:	SAMSUNG SDI	CO., LTD.		
Street Address:	428-5, Gongse-0	long, Giheung-gu		
City:	Yongin-si, Gyeo	nggi-do		
State/Country:	KOREA, REPUE	BLIC OF		
PROPERTY NUMBER	RS Total: 1			
Property Type Number				
Property Ty	уре	Number		630
Property Ty Application Number:		Number 732630		3732630
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Application Number:	DATA	732630		
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1:	DATA 703207000 <i>De sent via US Ma</i> 703-207-00 eoa@lee-ip LEE & MO 3141 FAIR	732630 3 <i>il when the fax attempt is unsuccessful.</i> 08 law.com		\$40.00
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will B</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	13 703207000 56 sent via US Ma 703-207-00 eoa@lee-ip 1 LEE & MOI 3141 FAIR SUITE 500 FALLS CH	732630 3 <i>iil when the fax attempt is unsuccessful.</i> 08 law.com RSE, P.C. /IEW PARK DRIVE JRCH, VIRGINIA 22042		\$40.00

Total Attachments: 4 source=Assignment_combined#page1.tif source=Assignment_combined#page2.tif source=Assignment_combined#page3.tif source=Assignment_combined#page4.tif 도경 전/kh0802_hon/ESSJ/II같임/1/91134(60)20121205132049

SAMSUNG SDI CO., LTD.

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title:

BATTERY PACK AND BATTERY MODULE HAVING THE SAME

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to the attached U.S. non-provisional patent application, unless the following is marked:

1	U.S. non-provisional patent a	polication number		, filed
.	on	, or		

PCT international patent application number ______, filed on

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

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

I (we) 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.

I hereby state that I have reviewed and understand the contents of the above identified

application, including the claims.

¹ This form requires the use of an Application Data Sheet.

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SDI Ref No.	G10217	Attorney Ref No.	302/1032		
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COMBINED DE	CLARATION (37 CFR 1.6	3) FOR UTILITY PATEN	T APPLICATION	AND	
	ASSIGN	MENT FORM			

본 정보는 삼성SDI 정보자산으로 관리책임자의 허가없이 출력, 배포, 빈**문(ged ofs/**으며, 뭐규서 관련 법령에 의거하여 인사상 분이익을 받을 수 있습니다.

PATENT REEL: 029553 FRAME: 0451

上台を/kpu802.0gn/ESS)개賢音/1/91134160/20121206132049

SAMSUNG SDI CO., LTD.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II, Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung SDI Co., Ltd.

having an address at 428-5 Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-557, Republic of Korea (hereinafter designated as the Assignee), 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 Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, 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 aforesaid 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 Letters 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 Assignor 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;

Assignor hereby covenants and agrees 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;

SDI Ref No.

. . . .

G10217

Attorney Ref No.

302/1032

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

본 정보는 상성SDI 정보자산으로 관리책임자의 허가없이 졸력, 배포, 반**원3명6일, 401세**으며, 위규시 관련 법령에 의거하여 인사상 불이익을 받을 수 있습니다.

PATENT REEL: 029553 FRAME: 0452

노성원/Kh0802.non/ESS)개발림/1/91134160/20121205132049

SAMSUNG SDI CO., LTD.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of LEE & MORSE, PC the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

LEGAL NAME OF FIRST INVENTOR/ASSIGN	OR NOH	Kyoung-Hwan	Name
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		T A 177	h
SIGNATU	RE NOH Kyoung-	Hwan	December 5. 2012
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	010317	Attorney Ref No.	302/1032
SDI Ref No.	G10217	Allothey Kei No	

REEL: 029553 FRAME: 0453

Section III. Inventor(s)/Assignor(s) Signature(s)

도경환/kn0802;non/ESS)개발음/1791134180/20121205132049

SAMSUNG SDI CO., LTD.

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND			INALIIC
INVENTOR/ASSIGNOR	LEE	Jun-Ho	

SIGNATURE LEE Jun-Ho

DATE December 5, 2012

LEGAL NAME OF	Family Name	First Given Name	Second Given
THIRD			Name
INVENTOR/ASSIGNOR	KIM	Hyun-Kook	
	CALL AND AND SAME		1

SIGNATURE Kim Hyun Kook

DATE December 5,2012

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Hyun-Joong	

SIGNATURE Kim Hyun Joong

DATE December 5, 2012

302/1032 Attorney Ref No. G10217 SDI Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

본 정보는 삼성SDI 정보자산으로 관리책임자의 허가없이 충격, 배포, 반**문agesil of 하**으며, 위규시 관련 법령에 의거하여 인시상 불이익을 받을 수 있습니다.

PATENT REEL: 029553 FRAME: 0454

RECORDED: 01/02/2013