505654098 09/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5700904

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUHEE SOHN	08/29/2019
JUNGGYU NAM	08/29/2019
JUNWON SUH	08/29/2019
JUNGYUP YANG	08/29/2019
HYERI EOM	08/29/2019
JEONGDOO YI	08/29/2019
DAUN HAN	08/29/2019
JUHYEONG HAN	08/29/2019
SEOKHUN HONG	08/29/2019
JANDEE KIM	08/29/2019
BONGKYOUNG PARK	08/29/2019
HYUNHWA SONG	08/29/2019
SOL CHOI	08/29/2019

RECEIVING PARTY DATA

Name:	SAMSUNG SDI CO., LTD.	
Street Address:	eet Address: 150-20, GONGSE-RO, GIHEUNG-GU,	
City:	YONGIN-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	17084	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16491038	

CORRESPONDENCE DATA

Fax Number: (703)207-0003

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.

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Correspondent Name: LEE & MORSE, P.C.

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PATENT

Address Line 2: Address Line 4:		SUITE 500 FALLS CHURCH, VIRGINIA 22042	
ATTORNEY DOCKET NUM	BER:	302/1800_00	
NAME OF SUBMITTER:		JAY P REALE	

ATTORNEY DOCKET NUMBER:	[302/1800_00
NAME OF SUBMITTER:	JAY P. BEALE
SIGNATURE:	/Jay P. Beale/
DATE SIGNED:	09/04/2019

Total Attachments: 23

source=Combined_Decl_and_Assignment#page1.tif source=Combined Decl and Assignment#page2.tif source=Combined Decl and Assignment#page3.tif source=Combined Decl and Assignment#page4.tif source=Combined_Decl_and_Assignment#page5.tif source=Combined Decl and Assignment#page6.tif source=Combined Decl and Assignment#page7.tif source=Combined_Decl_and_Assignment#page8.tif source=Combined Decl and Assignment#page9.tif source=Combined Decl and Assignment#page10.tif source=Combined_Decl_and_Assignment#page11.tif source=Combined_Decl_and_Assignment#page12.tif source=Combined Decl and Assignment#page13.tif source=Combined Decl and Assignment#page14.tif source=Combined_Decl_and_Assignment#page15.tif source=Combined_Decl_and_Assignment#page16.tif source=Combined Decl and Assignment#page17.tif source=Combined Decl and Assignment#page18.tif source=Combined_Decl_and_Assignment#page19.tif source=Combined Decl and Assignment#page20.tif source=Combined Decl and Assignment#page21.tif source=Combined Decl and Assignment#page22.tif source=Combined Decl and Assignment#page23.tif

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: ELECTRODE ASSEMBLY AND LITHIUM BATTERY COMPRISING SAME

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

WHEREAS,	as a below named inventor	r(s), I/(we) hereby declare the	nat:
Section I. De	eclaration		
This declarati		ed U.S. non-provisional pat	ent application, unless the
	U.S. non-provisional pat	ent application number	, filed on
\boxtimes	PCT international paten February 23, 2018	t application number <u>PCT/k</u>	<u>ζR2018/002239</u> , filed on
	as amended by the Pr	eliminary Amendment attac	ched hereto.
	as amended by the Pr	eliminary Amendment filed	on
The above-ide	entified application was m	ade or authorized to be mad	e by me (us).
	that I am (we are) the oright the above-identified application	ginal inventor (original joint ation.	inventors) of a claimed
	2	Iful false statement made in onment of not more than five	this declaration is punishable (5) years, or both.
•		inderstand the contents of the ended by any amendment re	
	e that I am aware of the duns defined in 37 CFR § 1.5	ty to disclose information w 6.	which is material to
1 This form req	uires the use of an Application	Data Sheet.	
Client Ref No.	20150602006	Attorney Ref No.	302/1800_00
COMBINED I	DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPL FORM	ICATION AND ASSIGNMENT
보 저ㅂ느 사서SDLX	언덕자사 과리체이자이 참가인이 흘려 때	- + J286 T 8124	어거하여 이사산 분이어용 바운 스 이스니다

<u>Power of Attorney:</u> I/we hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office practitioners associated with Customer Number 27849.

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 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 17084, 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 Assignee 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;

Client Ref No.	20150602006	Attorney Ref No.	302/1800_00
COMBINED D	ECLADATION (27 CED 17	(2) EOD HTH ITV DATENIT	APPLICATION AND ASSIGNMENT
	•	· ·	AFFLICATION AND ASSIGNMENT
본 정보는 삼성SDI 정	보자산 관리책임자의 허가없이 출력.	배포,반물을땀 구 없건데, 위규시 관련	법령에 의거하여 인사상 불이익을 받을 수 있습니다.

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, P.C. 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.

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

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Family Name SOHN	First Given N	lame Second Nat	
		June		
SIGNATURE	SOHN JUHEE	 -	DATE 08/29	/19

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	NAM	Junggyu	
SIGNATURE		DATE	

Client Ref No.	20150602006	Attorney Ref No.	302/1800_00
COMBINED DECI	.ARATION (37 CFR 1 63)	FOR UTILITY PATENT AP	PLICATION AND ASSIGNMENT
		-FORM	
본 정보는 삼성SDI 정보자(난 관리책임자의 허가없이 출력,배포	5,반골을 왕 3 없 <i>길</i> 며, 위규시 관련법량	통에 의거하여 인사상 불이익을 받을 수 있습니다.

LEGAL NAME OF THIRD	Family	Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	SU	H	Junwon	
	***************************************	·		
SIGNATURE _	and the second s		DATE	<u> </u>
LEGAL NAME OF FOURTH	Family	Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	YAN	vG	Jungyup	
LEGAL NAME OF	Family	Name	First Given Name	Second Given Name
	Family	Name	First Given Name	Second Given
INVENTOR/ASSIGNOR	EO	M	Hyeri	
SIGNATURE _	EOM Hyen	î	DATE	08/29/2019
Client Ref No. 20150	1602006	_ Attorney Ref N	o. 302/J	1800_00
COMBINED DECLARATION	(37 CFR 1.63)	 FOR UTILITY PAT FORM	ENT APPLICATION AN	ND ASSIGNMENT

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LEGAL NAME OF SIXTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	YI	Jeongdoo	
· ·	:		
SIGNATURE	YI Jeong doo	DATE	08/29/2019
LEGAL NAME OF	Family Name	First Given Name	Second Given
SEVENTH			Name
INVENTOR/ASSIGNOR	HAN	Daun	
SIGNATURE _	HAU Dawn	DATE	08/29 / 2019

LEGAL NAME OF EIGHTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	HAN	Juhyeong	T T T T T T T T T T T T T T T T T T T
SIGNATURE	HAN Julyeony	_ DATE	06/29/2019

Client Ref No.	20150602006	Attorney Ref No.	302/1800_00
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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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LEGAL NAME OF NINTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	HONG	Seokhun	
SIGNATURE		_ DATE	E
LEGAL NAME OF TENTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Jandee	
SIGNATURE LEGAL NAME OF ELEVENTH	Family Name	DATE First Given Name	Second Given Name
INVENTOR/ASSIGNOR	PARK	Bongkyoung	
Client Ref No. 201506	02006 Attorney	Ref No. 302/1	800_00

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

Page 6 of 7

LEGAL NAME OF TWELFTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	SONG	Hyunhwa	
SIGNATURE		DATE	
LEGAL NAME OF THIRTEENTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	CHOI	Sol	
SIGNATURE _		_ DATE	

Client Ref No.	20150602006	Attorney Ref No.	302/1800_00

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 7 of 7

Document Description: Oath or declaration filed

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Title of Invention	ELECTRODE ASSEMBLY AND LITHIUM BATT	ERY COMPRISING	SAME
This statems	ent is directed to:	Machine and the second	***************************************
The att	ached application,		
OR			
United 5	States application or PCT international application number	filed on	
LEGAL NA	ME of inventor to whom this substitute statement appli	ies:	
	Name (first and middle (if any)) and Family Name or Surname)		
	va SONG		
Residence (e	except for a deceased or legally incapacitated inventor):	T	
_{City} Yon(gin-si, Gyeonggi-do _{State}	Republic Republic	of Korea
I	ss (except for a deceased or legally incapacitated inventor):		
c/o Sams	sung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-	gu	
_{City} Yong	gin-si, Gyeonggi-do _{State}	_{Zip} 17084	Republic of Korea Country
I believe the in the app	above-named inventor or joint inventor to be the original inventor olication.	or an original joint inventor	of a claimed invention
The above-ic	dentified application was made or authorized to be made by me.		
I hereby ackr imprisonn	nowledge that any willful false statement made in this statement is nent of not more than five (5) years, or both.	s punishable under 18 U.S.	C. 1001 by fine or
Relationship	p to the inventor to whom this substitute statement applies:		
Le	gal Representative (for deceased or legally incapacitated inventor	r only),	
Ası	signee,		
Pe	rson to whom the inventor is under an obligation to assign,		
	rson who otherwise shows a sufficient proprietary interest in the mint Inventor.	natter (petition under 37 CF	FR 1.46 is required), or

[Page 1 of 2]

This collection of information is required by 35 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.

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute 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 oath or declaration under 37 Cl	FR 1.63.
If there are joint inventors, please check the appropriate box below:	
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivor is currently submitted.	valent) naming the entire inventive entity has been
OR	
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming information is attached. See 37 CFR 1.64(b).	ralent) has not been submitted. Thus, a Substitute the entire inventive entity and providing inventor
WARNING:	
Petitioner/applicant is cautioned to avoid submitting personal information in do contribute to identity theft. Personal information such as social security number (other than a check or credit card authorization form PTO-2038 submitted for put to support a petition or an application. If this type of personal information is included petitioners/applicants should consider redacting such personal information from USPTO. Petitioner/applicant is advised that the record of a patent application application (unless a non-publication request in compliance with 37 CFR 1.213 patent. Furthermore, the record from an abandoned application may also be a referenced in a published application or an issued patent (see 37 CFR 1.14). (PTO-2038 submitted for payment purposes are not retained in the application of the control of the page of the	ers, bank account numbers, or credit card numbers payment purposes) is never required by the USPTO cluded in documents submitted to the USPTO, in the documents before submitting them to the is available to the public after publication of the standard in the application) or issuance of a svailable to the public if the application is Checks and credit card authorization forms
PERSON EXECUTING THIS SUBSTITUTE STATEMENT:	
Name: Taeweon HEO. Direitor, Sums	Date (Optional):
Signature: Tarpwess Med	
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITU If the applicant is a juristic entity, list the applicant name and the title of the sigr	
Samsung SDI Co., Ltd.	ner:
Applicant Name:	
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, PT	O/AIA/14 or equivalent):
	_{Country} Republic of Korea
Mailing Address of the signer (unless provided in an application data she	•
c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-g	u
City Yongin-si, Gyeonggi-do State	Zip 17084 Republic of Korea
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, le after diligent effort, or has refused to execute the oath or declaration under 37 (∍gally incapacitated, cannot be found or reached CFR 1.63.

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Title of Invention	ELECTRODE ASSEMBLY AND LITHIUM BATTI	ERY COMPRISING	SAME
This stateme	ent is directed to:		
The atta	ached application,		
OR			
United S	States application or PCT international application number	filed on	
LEGAL NA	ME of inventor to whom this substitute statement appli	les:	
(E.g., Given	Name (first and middle (if any)) and Family Name or Surname)		
Junggyu	ı NAM		
Residence (e	except for a deceased or legally incapacitated inventor):		
 		Republic	of Korea
I	ss (except for a deceased or legally incapacitated inventor):		
c/o Sams	sung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-g	gu	
City	gin-si, Gyeonggi-do _{state}	_{Zip} 17084	Republic of Korea Country
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-id	lentified application was made or authorized to be made by me.		
	nowledge that any willful false statement made in this statement is nent of not more than five (5) years, or both.	punishable under 18 U.S.	C. 1001 by fine or
Relationship	to the inventor to whom this substitute statement applies:		
Leg	gal Representative (for deceased or legally incapacitated inventor	only),	
[]	signee,		
Per	rson to whom the inventor is under an obligation to assign,	•	
Per	rson who otherwise shows a sufficient proprietary interest in the m	natter (petition under 37 CF	R 1.46 is required), or
P*************************************	nt Inventor.		

[Page 1 of 2]

This collection of information is required by 35 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.

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute 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 oath or declaration under 37 CFR 1.63.		
If there are joint inventors, please check the appropriate box below:		
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.		
OR CONTRACTOR OF THE CONTRACTO		
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).		
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:		
Name: Tacweon NEO, Proctor Sanger Spate (Optional):		
Signature: Tarewern Mer		
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:		
f the applicant is a juristic entity, list the applicant name and the title of the signer:		
Samsung SDI Co., Ltd. Applicant Name:		
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):		
Yongin-si, Gyeonggi-do _{State} Country Republic of Korea		
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)		
c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-gu		
Yongin-si, Gyeonggi-do State 217084 Republic of Korea		
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Document Description: Oath or declaration filed

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Title of Invention	ELECTRODE ASSEMBLY AND LITHIUM BATT	TERY COMPRISING	SAME
This stateme	ent is directed to:		ARTHUR AND A CONTRACT OF A CON
The att	ached application,		
OR			
United 5	States application or PCT international application number	filed on	
LEGAL NA	ME of inventor to whom this substitute statement appl	lies:	
	Name (first and middle (if any)) and Family Name or Surname)		
	n HONG		
Residence (e	except for a deceased or legally incapacitated inventor):	T	PARTO DE LA CONTRACTOR
	gin-si, Gyeonggi-do _{state}	Country Republic	of Korea
-	ss (except for a deceased or legally incapacitated inventor):		
c/o Sams	sung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-	gu	
City Yong	gin-si, Gyeonggi-do _{state}	_{Zip} 17084	Republic of Korea Country
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-id	dentified application was made or authorized to be made by me.		
	nowledge that any willful false statement made in this statement is nent of not more than five (5) years, or both.	s punishable under 18 U.S.	C. 1001 by fine or
Relationship	p to the inventor to whom this substitute statement applies:		
Le	gal Representative (for deceased or legally incapacitated inventor	ir only)	
1	signee,	· Orași,	
Per	rson to whom the inventor is under an obligation to assign,		
Per	rson who otherwise shows a sufficient proprietary interest in the n	matter (petition under 37 CF	R 1.46 is required), or
t	nt Inventor.		•
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[Page 1 of 2]

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute 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 oath or declaration under 37 CFR 1.63.
If there are joint inventors, please check the appropriate box below:
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.
OR
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).
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:
Name: TREWERN HEO, Director, Samery SPZ Date (Optional):
Signature: Taewess Neo
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:
If the applicant is a juristic entity, list the applicant name and the title of the signer: Samsung SDI Co., Ltd.
Applicant Name:
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):
Yongin-si, Gyeonggi-do State Country Republic of Korea
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)
c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-gu
City Yongin-si, Gyeonggi-do State Zip 17084 Country Republic of 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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Document Description: Oath or declaration filed

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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	ELECTRODE ASSEMBLY AND LITHIUM BATT	ERY COMPRISING	SAME
This stateme	ent is directed to:	***************************************	
The atta	ached application,		
OR			
United S	States application or PCT international application number	filed on	<u> </u>
	ME of inventor to whom this substitute statement appl	lies:	
	Name (first and middle (if any)) and Family Name or Surname)		
Junwon			
Residence (e	except for a deceased or legally incapacitated inventor):	-	
	gin-si, Gyeonggi-do _{state}	Republic Rountry	of Korea
	ss (except for a deceased or legally incapacitated inventor):	*.	
c/o Sams	sung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-	gu Sangara sangaran	
_{city} Yong	gin-si, Gyeonggi-do _{State}	_{Zip} 17084	Republic of Korea Country
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.			
Relationship	o to the inventor to whom this substitute statement applies:		
☐ Leg	gal Representative (for deceased or legally incapacitated inventor	roplyl	
	signee,	Огну д,	
	rson to whom the inventor is under an obligation to assign,		
	rson who otherwise shows a sufficient proprietary interest in the m	natter (netition under 37 CF	ED 1 AR is required) or
········	nt Inventor.	tation (polition and c. c.	N 1.40 is required; or
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
Name: Taeweon HZO, Director Samsuy SPZ Date (Optional):			
Signature: Tollier 7/20			
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
If the applicant is a juristic entity, list the applicant name and the title of the signer:			
Samsung SDI Co., Ltd. Applicant Name:			
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):			
Country Republic of Korea			
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)			
c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-gu			
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This stateme	ent is directed to:		
The att	ached application,		
OR			
United (States application or PCT international application number	filed on	
	ME of inventor to whom this substitute statement appl	lies:	
	Name (first and middle (if any)) and Family Name or Surname)		
	oung PARK	***	
Residence (6	except for a deceased or legally incapacitated inventor):	7	
_{city} Yon(gin-si, Gyeonggi-do _{State}	Country Republic	of Korea
	ss (except for a deceased or legally incapacitated inventor):	Joods Aug.	
c/o Sams	sung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-	-gu	
_{city} Yong	gin-si, Gyeonggi-do _{state}	_{Zip} 17084	Republic of Korea Country
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.			
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Relationship	p to the inventor to whom this substitute statement applies:		
Le	gal Representative (for deceased or legally incapacitated inventor	or only),	
	signee,	· · ·	
Pe	rson to whom the inventor is under an obligation to assign,		
Per	rson who otherwise shows a sufficient proprietary interest in the r	matter (petition under 37 CF	FR 1.46 is required), or
	nt Inventor.		
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Name: Taeweon HEO, Director, Sangury GDE Date (Optional):			
Signature: Taeweer Neo			
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
f the applicant is a juristic entity, list the applicant name and the title of the signer:			
Samsung SDI Co., Ltd. Applicant Name:			
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):			
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Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)			
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Yongin-si, Gyeonggi-do State 217084 Country Republic of Korea			
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Jungyup			
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_{city} Yonç	gin-si, Gyeonggi-do _{State}	Country Republic	of Korea
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Relationship	p to the inventor to whom this substitute statement applies:		The second secon
Le	gal Representative (for deceased or legally incapacitated inventor	r only),	
As	ssignee,		
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lame: Taeweon Heo. Director, Sum	Sur SPL Date (Optional):		
signature: Taewern Neo			
PPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
the applicant is a juristic entity, list the applicant name and the title of the sign	er:		
Samsung SDI Co., Ltd. Applicant Name:			
Title of Person Executing This Substitute Statement:			
he signer, whose title is supplied above, is authorized to act on behalf of the			
desidence of the signer (unless provided in an application data sheet, PT	O/AIA/14 or equivalent):		
Yongin-si, Gyeonggi-do state Country Republic of Korea			
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c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-gu			
Yongin-si, Gyeonggi-do State	Zip 17084 Republic of Korea Country		
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Sol CHO	OI			
Residence (e	except for a deceased or legally incapacitated inventor):			
_{City} Yon(Yongin-si, Gyeonggi-do state Country Republic of Korea		of Korea	
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
Name: Taeweon HZO, Director, Samsun	SPZ	Date (Optional):	
Signature: Taewers Tko			
PPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUT	ORDER DES CONTRACTOR DE LA CONTRACTOR DE L		
f the applicant is a juristic entity, list the applicant name and the title of the signer: Samsung SDI Co., Ltd. Applicant Name:			
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):			
Sity Yongin-si, Gyeonggi-do	_{Country} Repub	lic of Korea	
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)			
c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-gu			
	17084	Republic of Korea	
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Jandee	KIM		
Residence (e	except for a deceased or legally incapacitated inventor):		
_{city} Yon(Yongin-si, Gyeonggi-do State Republic of Korea		of Korea
	ss (except for a deceased or legally incapacitated inventor):		
c/o Sams	sung SDI Co., Ltd., 150-20, Gongse-ro, Giheung	J-gu	
_{City} Yong	gin-si, Gyeonggi-do _{State}	_{Zip} 17084	Republic of Korea
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.			
Relationship	to the inventor to whom this substitute statement applies:		
Legal Representative (for deceased or legally incapacitated inventor only),			
	signee,	v. v,,,	
	rson to whom the inventor is under an obligation to assign,		
r	Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or		
Joint Inventor.			
1			

[Page 1 of 2]

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute 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 oath or declaration under 37 CFR 1.63.			
If there are joint inventors, please check the appropriate box below:			
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.			
OR .			
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).			
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
Name: Taeweon Heo, Director Sangung SDL Date (Optional):			
Signature: Tarwer Meo			
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
If the applicant is a juristic entity, list the applicant name and the title of the signer:			
Samsung SDI Co., Ltd. Applicant Name:			
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):			
_{ty} Yongin-si, Gyeonggi-do _{State} _{Country} Republic of Korea			
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)			
c/o Samsung SDI Co., Ltd., 150-20, Gongse-ro, Giheung-gu			
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