

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5305649

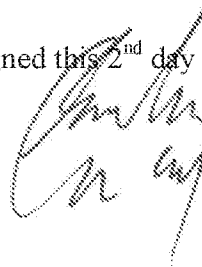
SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	PERSONAL INFORMATION COLLECTION AND USAGE AGREEMENT WITH INVENTION REPORT		
CONVEYING PARTY DATA			
Name			Execution Date
HEESUNG JUNG			09/18/2014
RECEIVING PARTY DATA			
Name:	SAMSUNG SDI CO., LTD.		
Street Address:	150-20, GONGSE-RO, GIHEUNG-GU		
City:	YONGIN-SI, GYEONGGI-DO		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	17084		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	15139242		
CORRESPONDENCE DATA			
Fax Number:	(949)760-9502		
<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:	9497600404		
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Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP		
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ATTORNEY DOCKET NUMBER:	SDIYPL.593AUS		
NAME OF SUBMITTER:	HEUNGSOO CHOI		
SIGNATURE:	/Heungsoo Choi/		
DATE SIGNED:	01/02/2019		
Total Attachments: 9			
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CERTIFICATION OF TRANSLATION

The undersigned, an employee of 12F Daelim Acrotel, 13 Eonju-ro 30-gil (Dogok-dong), Gangnam-gu, Seoul, 06292 KOREA, hereby declare that I understand the Korean language and the English language; that I am fully capable of translating from Korean to English and vice versa; and that, to the best of my knowledge and belief, this document is a true and accurate translation of the English document.

Signed this 2nd day of January 2019



SungHwan CHOI

Personal Information Collection and Usage Agreement

Samsung SDI Co., Ltd (hereinafter referred to as 'company') complies with personal information protection regulations under the related laws including the 'Personal Information Protection Law', 'Act on Promotion of Information and Communications Network Utilization and Information Protection, Etc.' and asks Personal Information Collection and Usage Agreement to an inventor to collect and use personal information of the inventor.

1. The purpose of collection and use of personal information, items of personal information collection, and period of maintenance and use of collected personal information

- The Company collects personal information of an inventor only when the personal information is inevitably needed to comply with obligations under the related laws and conclude and perform contracts between the Company and the inventor, and collected information is only used within the purpose of collection including filing patent application.
- The purpose of collection and use of personal information, items of personal information collection, and period of maintenance and use of collected personal information are as follows:

PURPOSE OF COLLECTION AND USE OF PERSONAL INFORMATION	ITEMS OF PERSONAL INFORMATION COLLECTION	PERIOD OF MAINTENANCE AND USE OF COLLECTED PERSONAL INFORMATION
Compliance with obligations under the related laws	Personal information collected according to specific regulation(s) of the related laws or personal information collected inevitably needed to comply with obligations under the related laws	As long as it is required by the related laws to maintain personal information
Filing Patent Application (Duty Invention)	Name(Korean/Chinese/English), Nationality, Address, Contact Information, E-mail, Employ Number, Name of Department, Title	Until purpose of collection is fulfilled

- The Company shall immediately discard personal information of the inventor when the period of maintenance and use of collected personal information expires or the purpose of collection and use of the personal information is

fulfilled. However, if it is required by other laws to maintain the personal information or agreed by the inventor, the Company may maintain personal information after the period of maintenance and use of the personal information expires without discarding the personal information.

- The inventor is entitled to refuse to provide any information other than the minimum required information under this agreement. However, if the inventor refuses to provide his/her personal information, filing patent application cannot be proceeded and corresponds to an invalidation cause for patent application.

I have confirmed the Article 1 above and hereby agree with collection and usage of personal information as stated above.

(Yes) (No)

2. Handling Resident Registration Number

- The Company will collect and handle the resident registration number under Article 24, Paragraph 2 of the Personal Information Protection Law and collected information will be used only for the purpose of collection including filing patent application until the purpose of collection is fulfilled.

► Related Law: Article 19, Paragraph 2 of the Enforcement Decree of the Patent Law (Handling Unique Identification Number)

Due to characteristics of the patent application filing process, the main inventor of a joint invention may use resident registration number of a co-inventor only for inputting personal information to related system.

- The Company is well aware of importance of handling such resident registration numbers and is making every effort to prevent resident registration number of inventors from being lost, stolen, leaked, modified, and damaged by taking all necessary measures including decryption.
- An inventor is entitled to refuse to provide his/her resident registration number under this agreement. However, if the inventor refuses to agree with this agreement, filing patent application cannot be proceeded and corresponds to an invalidation cause for patent application.

3. Agreement to Provide Personal Information to Third Party

- The Company provides personal information of an inventor to third parties as follows:

RECIPIENT	PURPOSE OF USE	ITEMS PROVIDED	PERIOD OF MAINTENANCE AND USE
Patent Attorney	Filing patent application	Name(korean/chinese/english), nationality, resident registration number, address, contact information, e-mail	Until purpose of use is fulfilled
Korean Intellectual Property Office	Filing patent application	Name(korean/chinese/english), resident registration number, address	
Foreign Patent Office	Filing patent application	Name(korean/chinese/english), nationality, address	

- Other than the above-stated cases, the Company may provide personal information of an inventor to a third party when agreed by the inventor in advance, when required by the regulations of any laws, or when demanded by an investigation agency according to procedures and methods required by related laws for investigative purposes.

I have confirmed the Article 3 above and hereby agree with providing personal information to a third party as stated above.

(Yes) (No)

- For purposes allowed by laws including filing patent application as stated above in Article 2 (Handling Resident Registration Number), the Company may collect resident registration number of an inventor and provide the same to a third party.

I agree with providing resident registration number to a third party.

(Yes) (No)

I have carefully read all of the above statements and agree with the statements.

September 18, 2014

Heesung Jung (Signature)

To: Samsung SDI Co., Ltd

개인정보 수집 및 이용 동의서

삼성에스디아이 주식회사(이하 "회사"라 함)는 「개인정보 보호법」, 「정보통신망 이용촉진 및 정보보호 등에 관한 법률」 등 관련 법령 상의 개인정보 보호 규정을 준수하고 발명자의 개인정보를 수집 및 이용하기 위하여 개인정보 수집 및 이용 동의서(이하 "본 동의서"라 함)를 받고 있습니다.

1. 개인정보의 수집·이용 목적, 수집 항목, 보유 및 이용 기간

○ 회사는 관련 법령상 의무 준수 또는 회사, 발명자 간 계약 등의 체결 및 이행을 위하여 불가피하게 필요한 경우에 한하여 발명자의 개인정보를 수집하고 있으며, 수집된 정보는 특허출원 등 그 수집 목적의 범위 내에서만 이용합니다(「개인정보 보호법」 제15조).

○ 발명자 개인정보의 수집·이용 목적, 수집 항목, 보유 및 이용 기간은 아래와 같습니다.

수집·이용 목적	수집 항목	보유 및 이용 기간
법령상 의무 준수	법률에 특별한 규정이 있거나 법령상 의무를 준수하기 위하여 불가피한 경우에 수집·이용하는 개인정보	관련 법령상 보유가 필요한 기간
특허 출원(직무발명)	성명(국문/한자/영문), 국적, 주소, 연락처, 이메일, 사번, 부서명, 직급	수집·이용목적 달성 시까지

○ 회사는 발명자 개인정보의 보유 및 이용 기간이 경과하거나, 수집 및 이용 목적이 달성되면 지체 없이 발명자의 개인정보를 파기합니다. 다만, 회사는 다른 법령에 따라 보존하여야 하는 경우 또는 발명자로부터 동의를 받은 경우에는 보유 및 이용 기간이 경과한 개인정보를 파기하지 않고 보존할 수 있습니다.

○ 발명자는 본 동의서에 따른 개인정보 제공에 대하여 필요한 최소한의 정보 외에는 거부할 권리가 있습니다. 다만, 동의를 거부하는 경우에는 특허출원 진행이 불가하며 특허출원 무효사유에 해당합니다.

본인은 위 1의 내용을 확인하였으며, 위와 같은 개인정보 수집 및 이용에 동의합니다.

(☒ 예) (☐ 아니요)

2. 주민등록번호의 처리

○ 회사는 개인정보보호법 제24조의2에 근거하여 수집/처리코자 하며, 수집된 정보는 특허출원 등 그 수집 목적의 범위 내에서만 이용 목적 달성시까지 이용합니다.

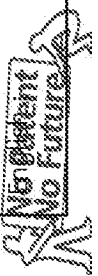
▶ 관련 법령 : 특허법 시행령 제19조의 2(고유식별번호의 처리)

Invention Report

對外秘

※ Caution : Please carefully fill each item for the quality of the invention report.

1. Title of Invention	Method of stacking battery modules and structure for preventing erroneous insertion		
2. Title of Related Project	Dongyang Mechatronics Golf Cart		
3. Reporting Date	September 18, 2014	4. Type of Invention	(O)Self-Invented, () Industry-Academy Cooperated, () Joint-Invented with Other Company
5. Estimated Publishing Date			
The inventor(s) below assign(s) rights regarding patent (application and registration) of the present invention to the Company.			
6. Inventor(s) (Korean/Chinese/English)	Department/ Employee Number	Address	
① 정희성 / 鄭熙星	Pack Advanced Development	508 Sungsung-dong, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Republic of Korea	
English : Heesung Jung	2122534		
② /			
English :			
③ /			
English :			
④ /			
English :			
⑤ /			
	삼성SDI	삼성SDI	※ 지면이 부족한 경우 쪽 추가하여 작성바랍니다.



In-Service Invention Report

Temporarily Suggested Number	20140918014		Written By		EPMS		
Title of invention	[Golfcart] Method of stacking battery modules and structure for preventing erroneous insertion						
Abstract of Invention	The present invention provides mechanisms for preventing erroneous insertion on a battery holder and a casing, such that a battery module is inserted in the right direction. Also, battery modules are designed to be stacked in a vertical direction to facilitate intuitive assembly by a worker.						
Invention Suggestion	개인정보 수집 및 이용 동의서_2.jpg (OByte) 개인정보 수집 및 이용 동의서_1 .jpg (OByte) [Golfcart] 발명신고서 정희성-1 .pptx (OByte)						
Inventor	Main	Employee Number	Name (Korean)	Name (English)	Name (Chinese)	Department	Contribution
	Yes	2122534	정희성			Small) Prior Development Group	100%
Existence of Related Project	No						
Related Project	Project Code	Title of Project		Project Start Date		Project End Date	
	BC-1401017	[DY] Golf Cart 560C 29E1 (Black)[14S40P]					
Existence of Related Idea							
Related Idea	Idea Number		Title of Idea				
Technical Classification	[001014001] Small) Assembly		Abstract				
Application Classification	[002035] Trans(Small)		Characteristics Classification				
Major Ingredients			Major Technique		[005026] Polygonal		
Patent Personnel	AHN, Sung-Won		Domestic Attorney		Lee, Mock, and Partners		
Prior Art Document Information	Prior Art Document					Related Information	
Joint Application?	No		Company of Joint Application				
Related Contract							
Reason for Joint Application							
Inventor's Evaluation	See Review						
First Reviewer's Evaluation	See Review						
Second Reviewer's Evaluation							