

PATENT ASSIGNMENT COVER SHEET

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|---|------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DAE SIK OH | 10/18/2019 |
| HYUNG NOH JUNG | 10/18/2019 |
| YONG SEOK OH | 10/18/2019 |
| 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: | 16776159 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | 178698 JOE/CLM |
| NAME OF SUBMITTER: | CHRISTINA L. MALINOSKY |
| SIGNATURE: | /Christina L. Malinosky/ |
| DATE SIGNED: | 01/29/2020 |
| Total Attachments: 2 | |
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| source=178698_Assignment#page2.tif | |

**INVENTOR'S DECLARATION AND ASSIGNMENT
FOR PATENT APPLICATION**

PATENT

Title of Invention: **SECONDARY BATTERY**
Docket No.: **178698**

INVENTOR'S DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application unless the following is checked:

___ United States Application or PCT International Application Number _____
filed on _____.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I 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.

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Dae Sik OH, Hyung Noh JUNG, and Yong Seok OH

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG SDI CO., LTD.

having a place of business at

(3) 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17084 Republic of Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) SECONDARY BATTERY

INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Docket No.: 178698

which application executed on even date
herewith or was

(a) executed on (5a): _____;
(b) filed on (5b): January 29, 2020;
Application No.: 16/776,159;

(LEWIS ROCA ROTHGERBER CHRISTIE
LLP, P.O. Box 29001, Glendale, CA 91209-
9001) is hereby authorized to insert in (b) the
specified data, when known.

including any and all United States Patents which may be granted on said application, and any
and all extensions, divisions, reissues, substitutes, renewals or continuations of said application
and patents, and the right to all benefits under all international conventions for the protection of
industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said
Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its
designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the
expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute,
renewal, and reissue patent applications; execute all rightful other papers; and generally do
everything possible which said ASSIGNEE shall consider desirable for aiding in securing and
maintaining patent protection as provided herein.

Dae Sik OH

Legal Name of Inventor

October 18, 2019

Date

Signature

Hyung Noh JUNG

Legal Name of Inventor

October 18, 2019

Date

Signature

Yong Seok OH

Legal Name of Inventor

October 18, 2019

Date

Signature

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