504075186 10/31/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4121853

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| SUNKI LEE | 10/31/2016 |
| KI NAM BYUN | 10/31/2016 |
| YOUNGDUCK KIM | 10/31/2016 |
| KOO LEE | 10/31/2016 |
| BYEONG MAN KIM | 10/31/2016 |
| WON HEE LEE | 10/31/2016 |

RECEIVING PARTY DATA

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| Street Address: | 3F, 20, PANGYOYEOK-RO 241BEON-GIL |
| City: | SEONGNAM-SI, GYEONGGI-DO |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 13494 |
| | |
| Name: | SKC CO., LTD. |
| Name: Street Address: | SKC CO., LTD. 84, JANGAN-RO 309BEON-GIL, JANGAN-GU |
| | · |
| Street Address: | 84, JANGAN-RO 309BEON-GIL, JANGAN-GU |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15339869 |

CORRESPONDENCE DATA

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504075186 REEL: 040179 FRAME: 0438

PATENT

| ATTORNEY DOCKET NUMBER: | 2370-004 | |
|---|-----------------|--|
| NAME OF SUBMITTER: | HYUN YONG LEE | |
| SIGNATURE: | /Hyun Yong Lee/ | |
| DATE SIGNED: | 10/31/2016 | |
| Total Attachments: 5 | | |
| source=3-2370-004DeclarationandAssignment#page1.tif | | |
| source=3-2370-004DeclarationandAssignment#page2.tif | | |
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PATENT REEL: 040179 FRAME: 0439

REVOLUTION IP, PLLC Attorneys At Law

Attorney Docket No.: 2370-004 Client Docket No.: OP20160010US

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

| Title of | |
|----------|---|
| nvention | 3 |

BACK SHEET, METHOD OF MANUFACTURING THE SAME, SOLAR CELL MODULE USING THE SAME AND METHOD OF MANUFACTURING SOLAR CELL

| Asa | below named inventor and Assignor, I declare that: |
|-------------|---|
| This | assignment and declaration are directed to: |
| \boxtimes | The attached application, or |
| | 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 Application.

I 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.

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

S-ENERGY CO., LTD.

3F, 20, Pangyoyeok-ro 241beon-gil, Seongnam-si, Gyeonggi-do 13494, Republic of Korea; and

SKC CO., LTD.

84, Jangan-ro 309beon-gil, Jangan-gu, Suwon-si, Gyeonggi-do 16336, Republic of Korea

S-ENERGY CO., LTD. & SKC CO., LTD. herein further referred to as ("Assignees").

Now, for valuable consideration by Assignees to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignees and Assignor hereby agree as follows:

REVOLUTION IP, PLLC

First Inventor's and Assignor's Name:

Attorneys At Law

Attorney Docket No.: 2370-004 Client Docket No.: OP20160010US

Assignor hereby conveys, assigns, sells and transfers to Assignees all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignees the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

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

Assignor further covenants that Assignees will, upon Assignees' request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignees or Assignees' legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignees thereof shall hereafter require and prepare at assignees' expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

Sunki Lee

| Address: | 10-1002, Imgwang Apt, 316, Dongsuwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16546, Republic of Korea | |
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| First Inventor's and Assignor's Signature: | A | |
| Date: | 2016. 00.71 | |

| REVOLUTION IP, PLLC Attorneys At Law | Attorney Docket No.: 2370-004 Client Docket No.: OP20160010US | |
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| Second Inventor's and Assignor's | Gyeonggi-do 18429, Republic of Korea | |
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-3/5-

Third Inventor's and Assignor's Signature:

Date:

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| REVOLUTION IP, PLLC Attorneys At Law | Attorney Docket No.: 2370-004 Client Docket No.: OP20160010US | |
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-4/5-

Fifth Inventor's and Assignor's Signature:

Date:

20/6.10.3/

| REVOLUTION | IP, | PLLC |
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| Attorneys At Law | | |

Attorney Docket No.: 2370-004 Client Docket No.: OP20160010US

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Sixth Inventor's and Assignor's Signature:

Date:

2016.10.31