### 503187574 02/20/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3234191 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| MYOUNG-KI MIN | 12/29/2005     |
| CHAN-HEE PARK | 12/29/2005     |
| HYE-A KIM     | 12/29/2005     |
| CHAN KWAK     | 12/29/2005     |
| HO-JIN KWEON  | 12/29/2005     |
| HASUCK KIM    | 01/04/2006     |

#### **RECEIVING PARTY DATA**

| Name:           | SAMSUNG SDI CO., LTD.          |
|-----------------|--------------------------------|
| Street Address: | 428-5, GONGSE-DONG, GIHEUNG-GU |
| City:           | YONGIN-CITY, GYEONGGI-DO       |
| State/Country:  | KOREA, REPUBLIC OF             |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11260471 |

#### CORRESPONDENCE DATA

**Fax Number:** (202)289-7100

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.

Phone: (202)408-9040
Email: rebushnell@aol.com

Correspondent Name: ROBERT E. BUSHNELL & LAW FIRM

Address Line 1: 2029 K STREET N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20006-1004

| ATTORNEY DOCKET NUMBER: | P57679               |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | ROBERT E. BUSHNELL   |
| SIGNATURE:              | /Robert E. Bushnell/ |
| DATE SIGNED:            | 02/20/2015           |
|                         | •                    |

**Total Attachments: 2** 

PATENT REEL: 034991 FRAME: 0916 source=P57679\_Assignment2-20-2015#page1.tif source=P57679\_Assignment2-20-2015#page2.tif

PATENT REEL: 034991 FRAME: 0917

## ASSIGNMENT (Page One of Two)

DOCKET NO. P57679

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignees are hereby acknowledged, I do hereby sell, assign and forever grant and convey jointly unto:

ASSIGNEE:

SAMSUNG SDI CO., LTD.,

HASUCK KIM,

a corporation organized under the laws of

the Republic of Korea,

and

ADDRESS: 575 Shin-dong, Yeongtong-gu, Suwon-si,

Gyeonggi-do, Republic of KOREA,

Department of Chemistry, Seoul National University, Shilim-dong, Kwanak-ku, Seoul, Republic of KOREA,

Who are my Assignees, and to the successors and assigns of my Assignees, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

# TITLE: CATALYST FOR FUEL CELL, METHOD FOR PREPARING THE SAME, AND MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL SYSTEM COMPRISING SAME

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as:

| - | executed on even | date herewith, or |  |                 |       |
|---|------------------|-------------------|--|-----------------|-------|
|   | Serial No. 11.   | /260,471          | filed in the U.S. Patent & Trademark Office on | 28 October 2005 | _, or |
|   | executed on      |                   |  | ,               |       |

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed jointly by said SAMSUNG SDI CO., LTD. and HASUCK KIM, my Assignees, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignees, in the prosecution of the abovenamed application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignees, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres;

AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

| INVENTOR(s)                    | <u>Date Signed</u> | Witness(es)                |
|--------------------------------|--------------------|----------------------------|
| 1) <u>MYOUNG-KI MIN</u> (Seal) | 12/29/05           | to young ju                |
| CHAN-HEE PARK (Seal)           | 12/29/05           | Li yeungju<br>YOUNG-JU KIM |
| 3) HYE-A KIM (Seal)            | 12/29/05           | hi yougji<br>YOUNG-JU KIM  |

Additional inventors are being named on separately numbered sheets attached hereto. PATENT

REEL: 034991 FRAME: 0918

# ASSIGNMENT (Page Two of Two) DOCKET NO. P57679

| 4) <u>CHAN</u><br>CHAN KV | KWAI<_(Seal) | 12/29/05   | Li Jangin<br>YOUNG-JU KIM |
|---------------------------|--------------|------------|---------------------------|
| 5) Kwem /<br>HO-JIN KV    | VEON (Seal)  | 12/20/10)  | hi yangji<br>YOUNG-JU KIM |
| 6) Januar<br>HASUCK       | h Kim (Seal) | Jan. 4, ob | hi gwrgji<br>YOUNG-JU KIM |
| 7)                        | (Seal)       |            |                           |
| 8)                        | (Seal)       |            | NW SAA AMADA MARAA        |

**PATENT REEL: 034991 FRAME: 0919** 

**RECORDED: 02/20/2015**