

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4515407

|   |                               |
|---|-------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                    |
| <b>CONVEYING PARTY DATA</b>   |                               |
| <b>Name</b>   | <b>Execution Date</b>         |
| YONG BUM SEO  | 07/19/2017                    |
| KEON PYO KOO  | 07/19/2017                    |
| CHUN YOUP SHIN  | 07/19/2017                    |
| WOO YEOL YOO  | 07/19/2017                    |
| JEONG HYUN LEE  | 07/19/2017                    |
| <b>RECEIVING PARTY DATA</b>   |                               |
| <b>Name:</b>  | SAMSUNG ELECTRONICS CO., LTD. |
| <b>Street Address:</b>  | 129, SAMSUNG-RO, YEONGTONG-GU |
| <b>Internal Address:</b>  | GYEONGGI-DO                   |
| <b>City:</b>  | SUWON-SI                      |
| <b>State/Country:</b>   | KOREA, REPUBLIC OF            |
| <b>Postal Code:</b>   | 16677                         |
| <b>PROPERTY NUMBERS Total: 1</b>  |                               |
| <b>Property Type</b>  | <b>Number</b>                 |
| Application Number:   | 15581997                      |
| <b>CORRESPONDENCE DATA</b>  |                               |
| <b>Fax Number:</b>  | (202)434-1501                 |
| <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> |                               |
| <b>Phone:</b>   | (202)434-1500                 |
| <b>Email:</b>   | Njohns@s-n-h.com              |
| <b>Correspondent Name:</b>  | STAAS & HALSEY, LLP           |
| <b>Address Line 1:</b>  | 1201 NEW YORK AVENUE, NW      |
| <b>Address Line 2:</b>  | SUITE 700                     |
| <b>Address Line 4:</b>  | WASHINGTON, D.C. 20005        |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2494.1472                     |
| <b>NAME OF SUBMITTER:</b>   | TEMNIT AFEWORK                |
| <b>SIGNATURE:</b>   | /Temnit Afework/              |
| <b>DATE SIGNED:</b>   | 07/21/2017                    |

**Total Attachments: 1**

source=45H8313#page1.tif

# WORLD WIDE ASSIGNMENT

5/24/2016

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration furnished to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD.  
129, Samsung-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 16677  
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

## REFRIGERATOR

relating to International Patent Application PCT/\_\_\_\_\_/\_\_\_\_\_, and/or for which application for Letters Patent of the United States of America was executed on even date herewith or, if not so executed, was:

(a) executed on ;

(Insert date of execution of application, if not concurrent)

(b) filed on April 28, 2017.

Serial No. 15/581,997

Any registered attorney or patent agent of STAKS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States of America and of any and all other countries granted on said invention and/or on said application and any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews (including inter partes review, post grant review and covered business method review), supplemental examination, interference, or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

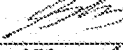
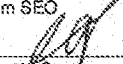
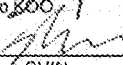
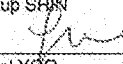
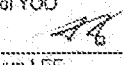
The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention in the United States of America and in any and all other countries, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), and in any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews, supplemental examination, interference, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

|  |            |  |
|--|------------|--|
| 1)  | 2017.07.19 |  |
| Yong Bum SEO   |            |  |
| 2)  | 2017.07.19 |  |
| Keon Pyo KOO   |            |  |
| 3)  | 2017.07.19 |  |
| Chun Youp SHIN   |            |  |
| 4)  | 2017.07.19 |  |
| Woo Yeol YOO   |            |  |
| 5)  | 2017.07.19 |  |
| Jeong Hyun LEE   |            |  |
| 6) _____   |            |  |
| 7) _____   |            |  |

PATENT