503878769 06/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3925418

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| DONG YEAN KOH | 05/25/2016 |
| HAN LIM LEE | 06/17/2016 |

RECEIVING PARTY DATA

| Name: | SAMSUNG ELECTRONICS CO., LTD. |
|-----------------|--|
| Street Address: | 129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO |
| City: | SUWON-SI |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 16677 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15186741 |

CORRESPONDENCE DATA

Fax Number: (202)434-1501

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: 202-434-1500

Email: Isivatko@s-n-h.com

Correspondent Name: STAAS & HALSEY LLP

Address Line 1: 1201 NEW YORK AVENUE, N.W.

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20005

| ATTORNEY DOCKET NUMBER: | 2373.1048 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | T. BRIAN BELL |
| SIGNATURE: | /T. Brian Bell/ |
| DATE SIGNED: | 06/20/2016 |

Total Attachments: 2

source=42J8108-Assignment_as_filed#page1.tif source=42J8108-Assignment_as_filed#page2.tif

PATENT 503878769 REEL: 038956 FRAME: 0631

U.S. ASSIGNMENT

S&H 1/14

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid 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)

| , | |
|---|--|
| MAGNETIC RESONANCE IMAGING | DEVICE AND METHOD FOR CONTROLLING THE SAME |
| relating to International Patent Application PCT/was executed on even date herewith or, if not so exe | and/or for which application for Letters Patent of the United States ecuted, was: |
| (a) executed on ; | (Insert date of execution of application, if not concurrent) |
| (b) filed on , TBA | Any registered attorney or patent agent of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 |
| Serial No. TBA; | (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. |
| substitute, reissue, reviews (including inter partes re | United States granted on said application and any continuation, division, renewal view, post grant review and covered business method review) or reexamination for which the said Letters Patent(s) may be granted and including any extensions and Letters Patent(s)"). |
| to do all acts which the ASSIGNEE may deem neces: said invention, including in the preparation and prose interference, reissue, reexamination, or public use pr | I by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, sary, desirable or expedient, for securing, maintaining and enforcing protection for ecution of said application(s) and the issuance of said Letters Patent(s), in any roceeding, and in any litigation or other legal proceeding which may arise or be thot be limited to executing all papers, including separate assignments and nestimony, and obtaining and producing evidence. |
| | tor(s) has (have) affixed his/her/their signature(s). |
| (Typed Name & Signature of Inventor(s)) | (Date) (Typed Name & Signature of Witness(es)) |

U.S. ASSIGNMENT

48033104 IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid 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) MAGNETIC RESONANCE IMAGING DEVICE AND METHOD FOR CONTROLLING THE SAME relating to International Patent Application PCT/ / ___ and/or for which application for Letters Patent of the United States 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 TBA Any registered attorney or patent agent of STAAS & HALSEY LLP. 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 Serial No. TBA: (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 granted on said application and any continuation, division, renewal. substitute, reissue, reviews (including inter partes review, post grant review and covered business method review) 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 excedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, 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 caths, providing swom 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)) (Typed Name & Signature of Witness(es)) (Date) Dong Yean KOH Jun-17, 2016 Han Lim LEE

> PATENT REEL: 038956 FRAME: 0633

RECORDED: 06/20/2016