

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARTEM SERGEEVICH MIGUKIN	12/08/2016
DMITRY ALEXANDROVICH KOROBCHENKO	12/08/2016
MIKHAIL YURIEVICH SIROTENKO	12/08/2016
KIRILL ARTHUROVICH GAVRILYUK	12/08/2016
PRAVEEN GULAKA	12/08/2016
SANG-CHEON CHOI	12/08/2016
MICHAIL NIKOLAEVICH RYCHAGOV	12/08/2016
YANG LIM CHOI	12/08/2016
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:	15307936
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
<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>	
Phone:	202-293-7060
Email:	sughrue@sughrue.com, bjung@sughrue.com
Correspondent Name:	SUGHRUE MION, PLLC
Address Line 1:	2100 PENNSYLVANIA AVENUE, N.W.
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Address Line 4:	WASHINGTON, D.C. 20037
ATTORNEY DOCKET NUMBER:	Q229770
NAME OF SUBMITTER:	BORAMJUNG - TEAM
SIGNATURE:	/boramjung/

PATENT

DATE SIGNED:	12/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 18 source=Q229770ExecutedDeclarationandAssignment#page1.tif source=Q229770ExecutedDeclarationandAssignment#page2.tif source=Q229770ExecutedDeclarationandAssignment#page3.tif source=Q229770ExecutedDeclarationandAssignment#page4.tif source=Q229770ExecutedDeclarationandAssignment#page5.tif source=Q229770ExecutedDeclarationandAssignment#page6.tif source=Q229770ExecutedDeclarationandAssignment#page7.tif source=Q229770ExecutedDeclarationandAssignment#page8.tif source=Q229770ExecutedDeclarationandAssignment#page9.tif source=Q229770ExecutedDeclarationandAssignment#page10.tif source=Q229770ExecutedDeclarationandAssignment#page11.tif source=Q229770ExecutedDeclarationandAssignment#page12.tif source=Q229770ExecutedDeclarationandAssignment#page13.tif source=Q229770ExecutedDeclarationandAssignment#page14.tif source=Q229770ExecutedDeclarationandAssignment#page15.tif source=Q229770ExecutedDeclarationandAssignment#page16.tif source=Q229770ExecutedDeclarationandAssignment#page17.tif source=Q229770ExecutedDeclarationandAssignment#page18.tif	

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

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Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

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filed on April 30, 2015 (Confirmation No. _____).

The application is entitled:

MAGNETIC RESONANCE IMAGING DEVICE AND METHOD FOR GENERATING MAGNETIC RESONANCE IMAGE

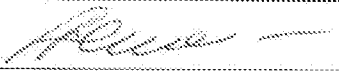
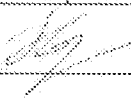
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NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any])	Artem Sergeevich
Family Name or Surname	MIGUKIN
Inventor's signature	
Date	December 8, 2016
Residence: St. Petersburg, Russia	
Mailing Address: Novocherkassky pr., bld. 10, ap. 54, St. Petersburg, Russia	
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any])	Dmitry Alexandrovich
Family Name or Surname	KOROBCHENKO
Inventor's signature	
Date	December 8, 2016
Residence: Moscow, Russia	
Mailing Address: Lavochkina str., bld. 34, blk. 1, ap. 155, Moscow, Russia	
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any])	Mikhail Yurievich
Family Name or Surname	SIROTENKO
Inventor's signature	
Date	
Residence: Moscow, Russia	
Mailing Address: Grekova str., bld. 1, ap. 22, Moscow, Russia	
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any])	Kirill Arthurovich
Family Name or Surname	GAVRILYUK
Inventor's signature	
Date	
Residence: Moscow, Russia	
Mailing Address: st. Kedrova, bld. 13, blk. 1, ap. 45, Moscow, Russia	
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Praveen
Family Name or Surname	GULAKA
Inventor's signature	
Date	
Residence: Suwon-si, Republic of Korea	
Mailing Address: 518-501, 25, Yeongtong-ro 290beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea	

NAME OF SIXTH INVENTOR:	
Given Name (first and middle [if any])	Sang-cheon
Family Name or Surname	CHOI
Inventor's signature	Date
Residence: Seoul, Republic of Korea	
Mailing Address: #202, 32-7, Hwam-ro, Yongsan-gu, Seoul, Republic of Korea	
NAME OF SEVENTH INVENTOR:	
Given Name (first and middle [if any])	Michail Nikolaevich
Family Name or Surname	RYCHAGOV
Inventor's signature	Date December 8, 2016
Residence: Moscow, Russia	
Mailing Address: Panfilovsky pr., blk. 1145, ap. 96, Zelenograd, Moscow, Russia	
NAME OF EIGHTH INVENTOR:	
Given Name (first and middle [if any])	Yang Lim
Family Name or Surname	CHOI
Inventor's signature	Date
Residence: Seongnam-si, Republic of Korea	
Mailing Address: 103-303, 184, Migum-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea	

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Given Name (first and middle [if any])	Artem Sergeevich
Family Name or Surname	MIGUKIN
Inventor's signature	Date
Residence: St Petersburg, Russia	
Mailing Address: Novocherkassky pr., bld. 10, ap. 54, St Petersburg, Russia	
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Given Name (first and middle [if any])	Dmitry Alexandrovich
Family Name or Surname	KOROBCHENKO
Inventor's signature	Date
Residence: Moscow, Russia	
Mailing Address: Lavochkina str., bld. 34, blk. 1, ap. 155, Moscow, Russia	
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any])	Mikhail Yurievich
Family Name or Surname	SIROTENKO
Inventor's signature	Date December 8, 2016
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Mailing Address: Grekova str., bld. 1, ap. 22, Moscow, Russia	
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any])	Kirill Arthurovich
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NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Pravzen
Family Name or Surname	GULAKA
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Given Name (first and middle [if any]) Yang Lim	Family Name or Surname CHOI
Inventor's signature	Date
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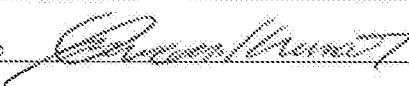
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Inventor's signature 	Date December 8, 2016
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Given Name (first and middle [if any]) Sang-cheon	Family Name or Surname CHOI
Inventor's signature <i>Sang cheon Choi</i>	Date December 8, 2016
Residence: Seoul, Republic of Korea	
Mailing Address: #202, 22-7, Huam-ro, Yongsan-gu, Seoul, Republic of Korea	
NAME OF SEVENTH INVENTOR:	
Given Name (first and middle [if any]) Michail Nikolaevich	Family Name or Surname RYCHAGOV
Inventor's signature	Date
Residence: Moscow, Russia	
Mailing Address: Panfilovsky pr., blk. 1145, ap. 96, Zelenograd, Moscow, Russia	
NAME OF EIGHTH INVENTOR:	
Given Name (first and middle [if any]) Yang Lim	Family Name or Surname CHOI
Inventor's signature	Date
Residence: Seongnam-si, Republic of Korea	
Mailing Address: 103-503, 184, Migeum-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea	

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to: ☐ The attached application, or
☒ United States Application or PCT International Application Number PCT/KR2015/004446
filed on April 30, 2015 (Confirmation No. _____).

The application is entitled:

MAGNETIC RESONANCE IMAGING DEVICE AND METHOD FOR GENERATING MAGNETIC RESONANCE IMAGE

The above identified application was made or was 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 have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

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NAME OF EIGHTH INVENTOR:	
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