

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kwang-eun Jang</td> <td>07/25/2012</td> </tr> <tr> <td>Jong-ha Lee</td> <td>07/25/2012</td> </tr> <tr> <td>Kang-eui Lee</td> <td>07/25/2012</td> </tr> <tr> <td>Young-hun Sung</td> <td>07/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kwang-eun Jang	07/25/2012	Jong-ha Lee	07/25/2012	Kang-eui Lee	07/25/2012	Young-hun Sung	07/25/2012
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Young-hun Sung	07/25/2012										
RECEIVING PARTY DATA											
Name:	Samsung Electronics Co., Ltd.										
Street Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742										
City:	Suwon-si										
State/Country:	KOREA, REPUBLIC OF										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13552976</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13552976						
Property Type	Number										
Application Number:	13552976										
CORRESPONDENCE DATA											
Fax Number:	2023153758										
Phone:	202-429-0020										
Email:	info@nsiplaw.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	NSIP LAW										
Address Line 1:	P.O. Box 34688										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043										
ATTORNEY DOCKET NUMBER:	012055.0033										
NAME OF SUBMITTER:	Charles Y. Park										
Total Attachments: 2 source=NewApp_0120550033_AssignmentExecutedwithSerialNo#page1.tif source=NewApp_0120550033_AssignmentExecutedwithSerialNo#page2.tif											

OP \$40.00 13552976

ASSIGNMENT

For valuable consideration, we,

Kwang-eun JANG Busan, Republic of Korea

Jong-ha LEE Hwaseong-si, Republic of Korea

Kang-eui LEE Yongin-si, Republic of Korea

Young-hun SUNG Hwaseong-si, Republic of Korea

hereby assign to:

SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea

corporation/institution/foundation/institute having principal executive office(s) or place

of business at: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742,

Republic of Korea; and

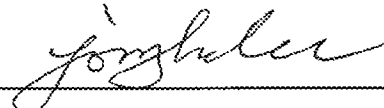
its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/552,976 filed July 19, 2012 at the U.S. Patent & Trademark Office signed by us, with title **X-RAY IMAGING APPARATUS AND METHOD**, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 25 day of July, 2012


Signature: **Kwang-eun JANG**

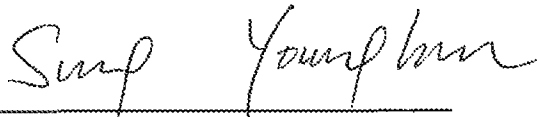
This 25 day of July, 2012


Signature: **Jong-ha LEE**

This 25 day of July, 2012


Signature: **Kang-eui LEE**

This 25 day of July, 2012


Signature: **Young-hun SUNG**