

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2653973

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>KYUNG-HEE PARK</td> <td>12/06/2013</td> </tr> <tr> <td>YE-RYOUNG YONG</td> <td>12/06/2013</td> </tr> <tr> <td>HYUN-JU KANG</td> <td>12/06/2013</td> </tr> <tr> <td>GA-HEE KIM</td> <td>12/06/2013</td> </tr> <tr> <td>DONG-HYUN PARK</td> <td>12/06/2013</td> </tr> <tr> <td>MYO-YONG LEE</td> <td>12/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	KYUNG-HEE PARK	12/06/2013	YE-RYOUNG YONG	12/06/2013	HYUN-JU KANG	12/06/2013	GA-HEE KIM	12/06/2013	DONG-HYUN PARK	12/06/2013	MYO-YONG LEE	12/06/2013
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<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>129, SAMSUNG-RO, YEONGTONG-GU</td> </tr> <tr> <td>City:</td> <td>SUWON-SI, GYEONGGI-DO</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	129, SAMSUNG-RO, YEONGTONG-GU	City:	SUWON-SI, GYEONGGI-DO	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-742				
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Application Number:	14132964														
CORRESPONDENCE DATA															
Fax Number:	(312)616-5700														
Phone:	312-616-5600														
Email:	Assignments@leydig.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	LEYDIG VOIT & MAYER, LTD														
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900														
Address Line 2:	180 NORTH STETSON AVENUE														
Address Line 4:	CHICAGO, ILLINOIS 60601-6731														
ATTORNEY DOCKET NUMBER:	714431														

NAME OF SUBMITTER:	JOHN L. GASE
Signature:	/John L. Gase/
Date:	12/18/2013
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

WHEREAS, I/WE

Kyung-hee Park, Ye-ryoung Yong, Hyun-ju Kang, Ga-hee Kim, Dong-hyun Park, Myo-yong Lee all of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, KR,

hereinafter referred to as Assignor, have invented a certain invention entitled:

COMPOSITION AND KIT FOR DIAGNOSING BREAST CANCER INCLUDING
POLYNUCLEOTIDE WITHIN VESICLE, AND METHOD OF DIAGNOSING BREAST
CANCER USING THE SAME

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on December 18, 2013, under U.S. Application No. 14/132,964, and

WHEREAS, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, KR, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, and the patents that may issue thereon,

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,


Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

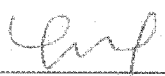
IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date 6 December 2013


Assignor: Kyung-hee Park

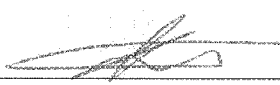
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Date 6 December 2013


Assignor: Ye-ryoung Yong

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Date 6 December 2013


Assignor: Hyun-ju Kang

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Date 6 December 2013


Assignor: Ga-hee Kim

Date 6 December 2013

Donghyun Park
Assignor: Dong-hyun Park

Date 6 December 2013

Lee M.Y.
Assignor: Myo-yong Lee