

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOUNGKYOUNG PARK	12/03/2014
CHANGDUK KANG	12/03/2014
JIYOON SONG	12/03/2014
JUYOUNG LEE	12/03/2014
SEUNGHYUN LEE	12/04/2014
KWANGMYUNG CHO	12/03/2014
RECEIVING PARTY DATA	
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
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14563774
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ATTORNEY DOCKET NUMBER:	716723
NAME OF SUBMITTER:	JOHN L. GASE
SIGNATURE:	/John L. Gase/
DATE SIGNED:	12/09/2014
Total Attachments: 3	

PATENT

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ASSIGNMENT

WHEREAS, I/WE

Youngkyoung Park, Changduk Kang, Jiyeon Song, Juyoung Lee, Seunghyun Lee, and Kwangmyung Cho all c/o Samsung Advanced Institute of Technology, 130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-803, KR,

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

YEAST CELL WITH INACTIVATED OR DEPRESSED PYRUVATE CARBOXYLASE AND METHOD OF PRODUCING LACTATE USING THE YEAST CELL

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on December 8, 2014, under U.S. Application No. 14/563,774, 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,

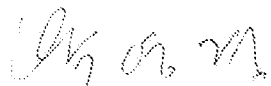
Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

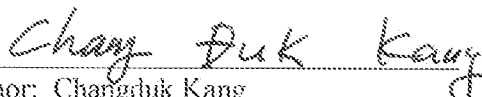
Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

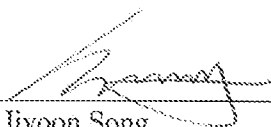
Assignor and Assignee agree that U.S. law governs this assignment, and


Assignee acknowledges and accepts this assignment.

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

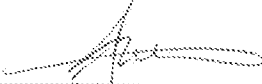
Date 03/12/2014 
Assignor: Youngkyoung Park

Date 03/12/2014 
Assignor: Changduk Kang

Date 03/12/2014 
Assignor: Jiyeon Song

Date 03/12/2014 
Assignor: Juyoung Lee

Date 04.14.2014


Assignor: Seunghyun Lee

Date 03.12.2014


Assignor: Kwangmyong Cho