503466365 09/03/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

n v1.1 EPAS ID: PAT3512990

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOOYONG LEE	06/04/2015
SOYOUNG LEE	06/04/2015
JIYOON SONG	06/04/2015
KWANGMYUNG CHO	06/04/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14845009

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NAME OF SUBMITTER:	JOHN L. GASE
SIGNATURE:	/John L. Gase/
DATE SIGNED:	09/03/2015

Total Attachments: 2

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ASSIGNMENT

WHEREAS, I/WE

Wooyong Lee, Soyoung Lee, Jiyoon Song, 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:

GENETICALLY ENGINEERED YEAST CELL WITH ENHANCED EDC ACTIVITY AND CAPABILITY OF PRODUCING LACTATE, METHOD OF PRODUCING THE YEAST CELL, AND METHOD OF PRODUCING LACTATE BY USING THE YEAST CELL

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on September 3, 2015 , under U.S. Application No. 14/845,009 , and

WHEREAS, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-10, 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, petry 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

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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 Assignce 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

Assignce acknowledges and accepts this assignment.

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

Date	2015.06.04	Woo Your Les frame
water.		Assignor: Wooyong Lee
	SAMSU	wannenne eduddudu
Date	2015.06.04	Commence of the second
	***************************************	Assignor: Soyoung Lee
Date	2015.06.04	
		Assignor: Jiyoon Song
Date	2015.06.04	<u> </u>
		Assignor: Kwangmyung Cho

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RECORDED: 09/03/2015

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