504292414 03/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4339095

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RIKEN	03/02/2017

RECEIVING PARTY DATA

Name:	RIKEN
Street Address:	2-1, HIROSAWA
City:	WAKO-SHI, SAITAMA
State/Country:	JAPAN
Postal Code:	351-0198
Name:	SUMITOMO CHEMICAL COMPANY, LIMITED
Street Address:	27-1, SHINKAWA 2-CHOME, CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	104-8260

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	13508303
Application Number:	14354864
Application Number:	14910332
Application Number:	15037926

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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.

Phone: (312) 616-5600

Email: mgreer@leydig.com

Correspondent Name: JOHN KILYK, JR.

Address Line 1: LEYDIG, VOIT & MAYER, LTD.

Address Line 2: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER: 202949

PATENT 504292414 REEL: 041757 FRAME: 0072

NAME OF SUBMITTER:	JOHN KILYK, JR.
SIGNATURE:	/John Kilyk, Jr./
DATE SIGNED:	03/27/2017

Total Attachments: 2

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PATENT REEL: 041757 FRAME: 0073

ASSIGNMENT

WHEREAS, RIKEN, of 2-1, Hirosawa, Wako-shi, Saitama, 351-0198 Japan, hereinafter referred to as Assignor, solely owns

- (1) U.S. Patent Application 13/508,303, which was filed on October 22, 2012, and which claims the priority of U.S. Provisional Patent Application 61/258,439,
 - (2) U.S. Patent Application 14/354,864, which was filed on April 28, 2014.
 - (3) U.S. Patent Application 14/910,332, which was filed on February 5, 2016, and
 - (4) U.S. Patent Application 15/037,926, which was filed on May 19, 2016,

hereinafter referred to as the referenced patent applications, and

WHEREAS, SUMITOMO CHEMICAL COMPANY, LIMITED, of 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 Japan, is desirous of acquiring co-ownership with RIKEN, of 2-1, Hirosawa, Wako-shi, Saitama, 351-0198 Japan, of the entire U.S. right, title, and interest in, to, and under the inventions described in the referenced patent applications, including the entire priority right derived from the referenced patent applications, such that

RIKEN, of 2-1, Hirosawa, Wako-shi, Saitama, 351-0198 Japan, and

SUMITOMO CHEMICAL COMPANY, LIMITED, of 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 Japan

hereinafter referred to as Assignees, are co-owners of the entire U.S. right, title, and interest in, to, and under the inventions described in the referenced patent applications, including the entire priority right derived from the referenced patent applications,

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

Assignor assigns and transfers to Assignees the entire U.S. right, title, and interest of Assignor in, to, and under the referenced patent applications and other such U.S. patent applications (e.g., continuations, continuations-in-part, divisionals, reissues, and reexaminations) that may be filed in the U.S. with a claim of priority to the referenced patent applications, as well as U.S. patents that may issue thereon and that may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reviews, and post-grant reviews),

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Assignment Attorney Docket 710362 / 716728 / 723199 / 724417

Assignor conveys to the Assignees the right to make applications in Assignees' own behalf for protection of the inventions described in the referenced patent applications in the U.S. and to claim priority in the U.S. to the referenced patent applications and any priority documents referenced therein 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 Assignees, execute such additional assignments and other writings and do such additional acts as the Assignees may deem necessary or desirable to pursue the U.S. 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 in enforcing any rights accruing as a result of such U.S. patent applications or patents, by, for example, executing statements and other affidavits,

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

Assignees acknowledge and accept this assignment.

IN WITNESS WHEREOF, Assignor has caused one of its duly authorized officers to hereunder set his/her hand on the date shown below.

Date March 2, 2017

Name: Hiroshi MATSUMOTO Title: President

Authorized Officer of Assignor

RIKEN

Leydig, Voit & Mayer

REEL: 041757 FRAME: 0075

RECORDED: 03/27/2017