PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6560413

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUBISHI CHEMICAL ENGINEERING CORPORATION	02/03/2021

RECEIVING PARTY DATA

Name:	MITSUBISHI CHEMICAL CORPORATION	
Street Address:	1-1, MARUNOUCHI 1-CHOME, CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10662449

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	ELLEN MURABITO	
SIGNATURE:	/ELLEN MURABITO/	
DATE SIGNED:	02/19/2021	

Total Attachments: 3

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PATENT 506513638 REEL: 055334 FRAME: 0300

ASSIGNMENT

WHEREAS MITSUBISHI CHEMICAL ENGINEERING CORPORATION of 2-2, Nihonbashi-Hongokucho 1-chome, Chuo-ku, Tokyo 103-0021 Japan, a corporation organized and existing under the laws of the Country of Japan, is a joint owner with MITSUBISHI CHEMICAL CORPORATION, by assignment, of the following Letters Patent of the United States of America:

PATENT NUMBER

ISSUE DATE

10,662,449

May 26, 2020

WHEREAS, MITSUBISHI CHEMICAL CORPORATION of 1-1,

Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, a corporation organized and
existing under the laws of the Country of Japan (hereinafter referred to as

"ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to
said application for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, MITSUBISHI CHEMICAL ENGINEERING CORPORATION hereby sells, assigns, transfers and sets over, unto said ASSIGNEE, its successors, legal representatives and assigns, its entire right, title and interest in, to and under said invention, and said Application and all divisions, renewals, and continuations thereof, and all Patents which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any other country or countries, together with the right to file such applications and the right to claim for the

PATENT REEL: 055334 FRAME: 0301 same the priority rights derived from said Applications under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries and all extensions, renewals, reexaminations and reissues thereof, to the full end of the term for which said letters patent have been granted or reissues may be granted, and for claims for damage by reasons of infringement past and present, as fully and entirely as the same would have been held by MITSUBISHI CHEMICAL ENGINEERING CORPORATION had this Assignment and sale not been made.

MITSUBISHI CHEMICAL ENGINEERING CORPORATION hereby authorizes and requests the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents and other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

PATENT REEL: 055334 FRAME: 0302 IN TESTIMONY WHEREOF, MITSUBISHI CHEMICAL ENGINEERING

CORPORATION has caused these presents to be signed by its officer thereunto duly authorized.

MITSUBISHI CHEMICAL ENGINEERING CORPORATION

Date: February 3, 2021

Name: Hiroaki TAKEHARA

Title: General Manager

International Project Division

PATENT REEL: 055334 FRAME: 0303

RECORDED: 02/19/2021