506626372 04/23/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAHIKO ISHII	07/28/2017

RECEIVING PARTY DATA

Name:	TOYOTA MOTOR CORPORATION
Street Address:	1, TOYOTA-CHO
City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17233598

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: adrienne.mondello@dinsmore.com

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Address Line 2: SUITE 300

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ATTORNEY DOCKET NUMBER:	22562-3526 / TTC-89212/08
NAME OF SUBMITTER:	WESTON GOULD
SIGNATURE:	/Weston Gould/
DATE SIGNED:	04/23/2021

Total Attachments: 2

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PATENT 506626372 REEL: 056021 FRAME: 0513

ASSIGNMENT

WHEREAS, I, Masahiko Ishii, residing at 40-42, Yamakamido,	Inaguma-cho,
Okazaki City, Aichi, 444-0071, Japan, hereinafter the ASSIGNOR, invented ce	rtain new and
useful BIOACTIVE MATERIALS for which I executed an application for a	
Patent and for which said application for United States Patent was filed on Novem	iber 13, 2017
under	

WHEREAS, the ASSIGNOR hereby authorizes and requests the attorney(s) and/or agent(s) empowered to act on Toyota Motor Corporation's behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, Toyota Motor Corporation, a Corporation of the Country of Japan, with a place of business at 1 Toyota-Cho; Toyota Aichi; 471-8571; JAPAN, hereinafter called the ASSIGNEE, is desirous of acquiring ASSIGNOR entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, reexaminations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE'S successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as

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the same would have been held by the ASSIGNOR had this assignment not been made;

ASSIGNOR hereby authorizes said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR hereby agrees that, upon request, ASSIGNOR will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNOR:

By: Masahiko Vali

Masahiko Ishii

Date: July 28, 2017

RECORDED: 04/23/2021

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