508946257 12/31/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI726012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Toyota Motor Engineering & Manufacturing North America, Inc.	12/10/2024

RECEIVING PARTY DATA

Company Name:	Toyota Jidosha Kabushiki Kaisha
Street Address:	1, Toyota-cho
City:	Toyota-shi
State/Country:	JAPAN
Postal Code:	471-8571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17459639

CORRESPONDENCE DATA

Fax Number: 2026836783

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: (202)683-9317

Email: niceron@jordaniplaw.com,admin@jordaniplaw.com

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Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER:	IP-A-5365/8010-6370
NAME OF SUBMITTER:	Nirma Ceron
SIGNATURE:	Nirma Ceron
DATE SIGNED:	12/31/2024

Total Attachments: 1

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PATENT 508946257 REEL: 069708 FRAME: 0718

Attorney Docket No.: IP-A-5365/8010-6370

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned assignor(s):

Toyota Motor Engineering & Manufacturing North America, Inc.

of 6565 Headquarters Drive, W1-3C, Plano, Texas, 75024, USA hereby sell, assign, and transfer to:

Toyota Jidosha Kabushiki Kaisha,

a corporation of Japan, having a principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

FUEL CELL BIPOLAR PLATE FLOW FIELD HAVING REGULAR REPRESENTATIVE ELEMENTARY VOLUMES

which was filed on	August 27, 2021	as	
U.S. COUNTRY or International Office	Application Number	17/459,639 (Pat. No. 12,100,870)	_ and

that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.		
Frederick W. Mau II Frederick W. Mau II (Dec 10, 2024 09:42 CST)	12/10/2024	
Name: Frederick W. Mau II Title: Intellectual Property Counsel	Date	

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PATENT REEL: 069708 FRAME: 0719

RECORDED: 12/31/2024