

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	02/02/2023
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Property Type	Number
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DATE SIGNED:	03/15/2023
Total Attachments: 1	
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ASSIGNMENT OF PATENT

WHEREAS, **Toyota Motor Engineering & Manufacturing North America, Inc.** of 6565 Headquarters Drive W1-3C, Plano, Texas 75024 (hereinafter referred to as "ASSIGNOR"), is an owner, by assignment, of U.S. Patent Application No. 16/698,286, filed November 27, 2019, which will issue as U.S. Patent No. 11,568,102, dated January 31, 2023, and entitled **SYSTEMS AND METHODS FOR OPTIMIZING BATTERY DESIGNS IN MULTIPLE DIMENSIONS** ; and

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc. desires to transfer ownership of the aforesaid patent; and

WHEREAS, **Toyota Jidosha Kabushiki Kaisha**, a corporation organized under the laws of Japan, having its principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan , ("ASSIGNEE"), desires to acquire the entire right, title, and interest in the aforesaid patent owned by Assignor;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the ASSIGNOR's entire right, title and interest in and to the aforesaid patent; such right, title and interest to be held and enjoyed by the ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY GRANTS to the law firm of Darrow Mustafa PC the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

TOYOTA MOTOR ENGINEERING &
MANUFACTURING NORTH AMERICA, INC.

By: *Frederick W. Mau II*
Frederick W. Mau II (Feb 2, 2023 15:34 CST)

Print
Name: Frederick W. Mau II

Its: Intellectual Property Counsel

Date: 02/02/2023