PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6726854

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	02/12/2019	

CONVEYING PARTY DATA

Name	Execution Date
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	02/12/2019

RECEIVING PARTY DATA

Name:	SHOWA DENKO K.K.	
Street Address:	eet Address: 13-9, SHIBA DAIMON 1-CHOME, MINATO-KU	
City:	ity: TOKYO	
State/Country:	ate/Country: JAPAN	
Postal Code: 105-8518		

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9159645

CORRESPONDENCE DATA

Fax Number: (703)739-2815

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.

Email: iprecordals@cpaglobal.com **CPA GLOBAL LIMITED** Correspondent Name: Address Line 1: LIBERATION HOUSE Address Line 2: **CASTLE STREET**

Address Line 4: ST HELIER, JERSEY JEI IBL

IAME OF SUBMITTER: HEIDI WHITTINGHAM		
SIGNATURE:	/IPR/NW/NGBShowaCP2019-027/AG1P/	
DATE SIGNED: 05/25/2021		

Total Attachments: 2

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> **PATENT** REEL: 056337 FRAME: 0117 506680037

UNITED STATES OF AMERICA ASSIGNMENT

WHEREAS, Kabushiki Kaisha Toyota Jidoshokki, a Kabushiki Kaisha organized under the laws of Japan, with a place of business at 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 JAPAN, co-owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

WHEREAS, SHOWA DENKO K.K., a Kabushiki Kaisha organized under the laws of Japan, with a place of business at 13-9, SHIBA DAIMON 1-CHOME, MINATO-KU, TOKYO 105-8515, JAPAN, desires to acquire all of the rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, their share of the rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: 12 February 2019

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

Assignor: Kabushiki Kaisha Toyota Jidoshokki

Name: Masaki Ito

Title: General Manager of Intellectual Property Department

Date: 26 March, 2019

Assignee: SHOWA DENKO K.K.

Name: Toshi Tsuzuki

Title: General Manager, Intellectual Property Department

Date: Fer, 02, 2019

Schedule

USA	12/546149	9159645
- 8 -2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Application Number	IP Grant Number

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RECORDED: 05/25/2021

PATENT REEL: 056337 FRAME: 0119