### 504636761 11/10/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4683479

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
MASAKI NANAHARA	10/16/2017	

#### **RECEIVING PARTY DATA**

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA		
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15809086

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: Q235365		
NAME OF SUBMITTER: GUDRUN HARMON ASST. TO WILLIAM H. MANDIR		
SIGNATURE:	GNATURE: /Gudrun Harmon/	
DATE SIGNED:	11/10/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

#### **Total Attachments: 2**

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PATENT 504636761 REEL: 044747 FRAME: 0949

TFN/60530-08

Attorney Docket No.: Client Ref.: TSN281696521US09

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE.

Title of Invention	MOTION CONVERSION MECHANISM AND ELECTRIC BRAKE ACTUATOR USING THE SAME				
As the below	named inventor, I hereby declare that:				
This declarati	VA3 The ettacked innivertum or				
	United States application or PCT international application number filed on				
The above-id	entified application was made or authorized to be made by me.				
I believe that	Lam the original inventor or an original joint inventor of a claimed invention in the application.				
	red and understand the contents of the application for which this assignment with declaration is being submitted.				
I am aware o	f the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.				
I hereby ack not more tha	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
WHEREAS.	The France Signal Aleki Long 471.8571 January Cheminalter referred to as Abblichted, is desired of				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	interest in, to and under said invention, said application disclosing the invention and in, to and under any Lesters Patent or similar ion which may be granted therefor in the United States and in any and all foreign countries;				
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the recorpt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer anto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and communitors thereof, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and communitors thereof, and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Prosection of Industrial Property, Inter-American Convention Relating to Patents. Designs and Industrial Models, and any other international agreements to which the United States of American adheres, and to any other benefits according or to accrue to me with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I bereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto.					
designee, a remuneration the United !	And I further agree to execute all necessary or desirable and lassful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto:				
application Patent whice	her agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any renewal or reissues of any Letters in may be gramted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;				
application testify as to	And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and logal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;				
And I here this assign	by coverant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nent and sale				

PATENT REEL: 044747 FRAME: 0950

NAME OF SOLE OR FIRST INVENTOR:					
Given Name					
(first and middle (if a	ny)) <b>Masaki</b>	Family N	lame or Surname	NANAHARA	
inventor's signature	Maxaki	Nanahara	Date	October 16,	2017
Residence: Toyota-shi, Aichi-ken, Japan					
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan					

PATENT REEL: 044747 FRAME: 0951

**RECORDED: 11/10/2017**