PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi TSUZUKI	08/25/2021

RECEIVING PARTY DATA

Name:	DENSO WAVE INCORPORATED
Street Address:	1 AZA YOSHIIKE, OAZA KUSAGI, AGUI-CHO
City:	CHITA-GUN, AICHI-PREF.
State/Country:	JAPAN
Postal Code:	470-2297

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17331005

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

703-836-6400 Phone: Email: email@oliff.com

Correspondent Name: W. SCOTT STRICKLAND

Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	196384
NAME OF SUBMITTER:	CYNTHIA KLINE
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	09/14/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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> **PATENT REEL: 057480 FRAME: 0680** 506869199

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Hiroshi Tsuzuki	· (2)	<u> </u>	
(1-8)	Legal Name(s)	(3)		(4)		
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the unde		(\$1.00) and other good and valuable co cy of which are hereby acknowledged, nd set over to		
(9)	Insert Name of Assignee	(9)	DENSO WAVE INCORPORATED			
(10)	Insert Address of Assignee	(10)	1 Aza Yoshiike, Oaza Kusagi	Agui-cho, Chita-gun, Aichi-pref. 470-	2297 Japan	
		the entir invention continua	re right, title and interest for the on, and in all applications for pat ation, international, substitute an	and Assignee's heirs, successors, assign inited States of America as defined in a nt including any and all provisional, no reissue application(s), and all Letters e granted on the invention known as	35 U.S.C. §100, in the on-provisional,	
(11) Insert Identification such as Title, Case Number, or Foreign		(11)	JP Patent Application No. 20	0-091361		
	Application Number	(Attor	rney Docket No. 196384), filed on even date h	erewith or as	
(12)	Alternative Identification for	(12)	U.S. Application Number	17/331,005		
	filed applications	filed	May 26, 20	21		

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with
- claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of 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 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date August 25.	107/ Inventor Signature	Hiroshi Tsuzuki	Joeguki	(SEAL)
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This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	August 25.2021	Witness	Joshi fund	Emeral
	August, 25, 202	Witness	Tumeto A	nagasu