504841235 03/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hironobu ANDO	03/26/2018

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:	15936996

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.

Phone: 703-836-6400 Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	180893
NAME OF SUBMITTER:	SAMANTHA LIMING
SIGNATURE:	/Samantha Liming/
DATE SIGNED:	03/28/2018

Total Attachments: 2

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> **PATENT REEL: 045374 FRAME: 0698** 504841235

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)	Hironobu Ando	(2)	
(1-8)	Legal Name(s)	(3)	-	(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to			
(9)	Insert Name of Assignce	(9)	DENSO WAVE INCORPO	RATED	
(10)	Insert Address of Assignee	(10)	l Aza Yoshiike, Oaza Kusas	i, Agui-cho, Chita-gun, Aichi-pref. 470-229	7 Japan
		the en invent contin	tire right, title and interest for t ion, and in all applications for justion, international, substitute	ce) and Assignee's heirs, successors, assigns the United States of America as defined in 35 patent including any and all provisional, non and reissue application(s), and all Letters Paray be granted on the invention known as	U.S.C. §100, in the -provisional, divisional,
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	WATER LEAKAGE DETE	CTION APPARATUS	
		(Attor	rney Docket No.)
(12)	Alternative Identification for	(12)	U.S. Application Number		
	filed applications	filed			

- 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 which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 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 & BERRIDGE, 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).

PATENT REEL: 045374 FRAME: 0699

Date	2018/3/26	Inventor Signature	Hironobu Ando	Ando	(SEAL)
Date		Inventor Signature		·· .	(SEAL)
Date		Inventor Signature			(SEAL)
Date .		Inventor Signature			(SEAL)
neither,	This assignment should preferably be signe then it should be signed before at least two v	d before: (a) a Notary Publ vitnesses who also sign her	ic if within the U.S.A. re:	(b) a U.S. Consul if outside	the U.S.A. If
Date	2018/3/26	Witness _	Watarn	Sugirama	
Date	May 26th 2018	Witness _	ain	Nalanyam	9