



03-16-2010

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To the Director of the U.S. Patent and Trademark Office: Please re	ecord the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):		
1 Yoshihiro WANDA			
	1) Name: DENSO CORPORATION		
	Street Address: 1-1, Showa-cho		
	City: Kariya-city, Aichi-pref.		
_	State/Country: Japan Zip: 448-8661		
Additional name/s of conveying party/ies attached?	by Manager 1		
3. Nature of conveyance:	2) Name		
Assignment	Street Address:		
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Execution Date: February 3, 2010	Additional name/s & address/es attached? Yes No		
4. Application number(s) or patent number(s): This	s assignment is being filed together with a new application.		
A. Patent Application No(s).	B. Patent No(s).		
(1) 12/692,013	(1)		
(2)	(2)		
(3)	(3)		
Additional numbers att	tached Yes No		
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:		
concerning document should be mailed:			
_	7. Total fee (37 CFR 3.41) \$ 40.00		
Name: Michelle N. Lester	⊠ Enclosed		
	Authorized to be charged to deposit account #14-1140		
Internal Address:			
	8. The Commissioner is hereby authorized to charge any		
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which		
901 North Glebe Road	should have been filed herewith (or with any paper thereafter		
11th Floor	filed in this application by this firm) to our Account No.		
City: Arlington State: VA Zip: 22203	14-1140.		
DO NOT USE THIS SPACE			
9. Statements and signature.			
To the best of my knowledge and belief, the foregoing informa	tion true and correct and any attached copy is a true copy		
of the original document.			
MILIXIAN	M. L		
Michelle N. Lester	March 11, 2010		
Name of Person Signing Sig	nature Date		
Reg. No. 32,331			
Total number of pages including origi	inal cover sheet, attachments, and document: [2]		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT OF PATENT APPLICATION

(Inventors)	Yoshihiro	WANDA

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

DENSO CORPORATION, a corporation of Japan having a place of business at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

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for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on February 3, 2010 or has already filed in U.S. appln. Serial No. 12/692,013 , filed on January 22, 2010 The undersigned acknowledges an obligation of assignment of this invention to said

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

assignee at the time the invention was made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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

Date <u>Februa</u>	ry3. ≥0/0 Signature of inventor	Yoshihiro Wanda Yoshihiro Wanda	
Witnessed by:	Nachito Kato	Date February 3. 2010	

PATENT REEL: 024082 FRAME: 0380