Naoki Matsuda

To the Director of the U.S. Patents a

April 23, 2010

1. Name of conveying parties & Exe

05-17-2010



103597279

HDP Docket No. 4041J-001701/US Express Mail Label No.

documents or the new address(es) below.

Iress of receiving party(ies)

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•	1) Name: DENSO CORPORATION				
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	Japan 448-8661				
Additional name of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance:					
☐ Security Agreement ☐ Change of Name					
Government Interest Assignment					
☐ Executive Order 9424, Confirmatory License	Additional Name(s) & address(es) attached? ☐ Yes ☒ No				
☐ Other					
4. Application number(s) or patent number(s):					
A. Patent Application No.(s)	B. Patent No.(s)				
Additional numbers attached? ☐ Yes ☒ No					
5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1				
Name: H. Keith Miller, Esq.	7. 7-1-15 (07.050.4.04()) 0.0.44)				
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address: <u>Harness, Dickey & Pierce, P.L.C.</u>	Authorized to be charged by credit card				
	☐ Authorized to be charged to deposit account				
Street Address: P.O. Box 828	☑ Enclosed				
	☐ None required (government interest not affecting title)				
City: Bloomfield Hills					
State <u>: Ml</u> Zip: <u>48303</u>	8. Payment Information				
Phone Number : 248-641-1600	a. Credit Card Last 4 Numbers Expiration Date				
Fax Number: 248-641-0270	b. Deposit Account Number <u>08-0750</u>				
Email Address:	Authorized User Name H. Keith Miller, Esq.				
9. Signature :	May 4, 2010				
Signature H. Keith Miller, Esq., Reg. No. 22,484	Date Total number of pages including				
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REEL: 024392 FRAME: 0036

Attomey Docket No. 4041J-001701/US 126507-US-TOK/nk

ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

WAIL OPERATION APPARATOS WITH			
for which the undersigned executed a		ers Patent of the U	United States of America:
(A) <u>× even date he</u>	rewith		
(B) on			
(C) in U.S. Appli	n. No	filed	
AND WHEREAS,			•
DENSO CORPORATION,1-1,	Showa-cho, Kariya	-city. Aichi-pref	448-8661 Janan
DENGO GOIG ORANGA, I-I	Onoma-ono, itanya-	oity, Aloin-pion,	,
hereinafter referred to as Assignee, is d	esirous of acquiring a	n interest therein:	:
NOW, THEREFORE, for good acknowledged, Assignors by these presinterest, the full and exclusive right in the right to claim priority under the laws of as described in the specification exect States application for patent therefor, states Patent therefor to be held and Letters Patent are granted and any extended by Assignors had this assignment agree to execute all instruments or documented States application for patent and of protecting title to the said invention, for the benefit of Assignee without furthereby request the Commissioner of P. States of America to Assignee(s).	sents do sell, assign a te United States of Am the United States and tuted by Assignors of aid invention and all l enjoyed by Assigned ensions thereof as full t and sale not been in tuments required or re- all foreign countries of the United States app er or other compensa	and transfer unto Anerica and all fore of the Paris Converse feven date prepared to the full enders and entirely as the made; and Assigned the full for the full cation for patent tion than that about the full for the full cation for patent the full cation than that about the full for the full cation than that about the full cation than that about the full for the full cation than that about the full for the full cation than that about the full full for the full full full full full full full ful	Assignee, its successors in eign countries, including the ention, to the said invention paratory to filing a United plications for patent and all of the term for which said the same would have been making and prosecution of egarding, or for the purpose t, or Letters Patent therefore set forth; and Assignors
Marki Matina Inventor 1: Naoki Matsuda	da April Date	23,2010 24	hdehiko Kawakami Witness

PATENT REEL: 024392 FRAME: 0037

RECORDED: 05/04/2010