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Our Ref.: 2018-1535

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.  1. Name of conveying party(ies):  1. Massaki KATO  2. Katsuhide AKIMOTO  1. Name: DENSO CORPORATION  Street Address: 1-1, Showa-cho City: Kariya-city, Aichi-pref. State/Country: Japan Zip: 448-866  Additional name/s of conveying party/ies attached?  3. Nature of conveyance:  Additional name/s of conveyance:  Street Address:  Street Address:  State:  Zip:  Additional name/s & address/es attached?   Yes   No  4. Application number(s) or patent number(s):  A Patent Application No(s).  (1) unknown (2)  (3)  Additional numbers attached   Yes   No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  Larry S. Nixon  Name:  Larry S. Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203  4. Total fee (37 CFR 3.41) \$ 40.00  Enclosed   Authorized to be charged to deposit account #14-114 should have been filed herewith (or with any paper thereaffiled in this application by this firm) to our Account No.  11/2 76006 ##80ELEN 00000955 11663999  4. Fi8021   One of the original document.  Larry S. Nixon  November 24, 2006  November 24, 2006  November 24, 2006		1411
Masaaki KATO   2 Katsuhide AKIMOTO   1 Name: DENSO CORPORATION   Street Address: 1-1, Showa-cho   City: Kariya-city, Aichi-pref.   State/Country: Japan   Zip: 448-866   Japa		
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Street Address: 1-1, Showa-cho City: Kariya-city, Aichi-pref. State/Country: Japan    Additional name/s of conveyance:   Assignment   Merger   Street Address: City:   State:   Zip:	1 Masaaki KATO	
City: Kariya-city, Aichi-pref. State/Country: Japan Zip: 448-866 of State/Country: Japan Zip: 450-80 of State: Zip: 340-80 of State: Zip: 34	2 Katsuhide AKIMOTO	
Additional name/s of conveying party/ies attached?   3. Nature of conveyance:		
Additional name/s of conveying party/ies attached?    3. Nature of conveyance:   Merger   Street Address:   City: State:   Zip:		City: Kariya-city, Aichi-pref.
3. Nature of conveyance:		State/Country: Japan Zip: 448-866 Zip: 448-866
Assignment		
Security Assignment   Change of Name   City: State: Zip:		
Other   Execution Date:   October 31, 2006   Additional name/s & address/es attached?   Yes   No		Street Address:
Execution Date: October 31, 2006  4. Application number(s) or patent number(s):	☐ Security Assignment ☐ Change of Name	City:
4. Application number(s) or patent number(s):  A. Patent Application No(s).  (1) unknown (2) (3)  Additional numbers attached ☐ Yes ☐ No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:	Other	State: Zip:
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A. Patent Application No(s).  (1) unknown  (2)  (3)  Additional numbers attached Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  901 North Glebe Road  11th Floor  City: Arlington State: VA Zip: 22203  Fig. 18021  PO NOT USE THIS SPACE  Fig. 18021  Fig. 18021  Additional numbers attached Yes No  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00  Authorized to be charged to deposit account #14-114  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or whith should have been filed herewith (or with any paper thereafted in this application by this firm) to our Account No. 14-1140.  72 / 72006 WARDELR1 00000055 11603989  Fig. 18021  F	Execution Date: October 31, 2006	Additional name/s & address/es attached?  Yes No
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Additional numbers attached   Yes   No		
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City: Arlington State: VA Zip: 22203 filed in this application by this firm) to our Account No.  14-1140.  DO NOT USE THIS SPACE  15 the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Larry S. Nixon November 24, 2006		
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

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		ASSIC	NMENT OF	IIS PATEN'	T APPLICATION				
(Invento	ume l			0.0.1 ATEN	I AI I LIGATION				
(IIIVEIIIO	,is)	Masaaki Kato Katsuhide Akimoto							
		In consideration of the sum of one dollar (\$1.00) and other good and valuable							
					the undersigned agre	e(s) to assign, and			
			sign, transfer ar	nd set over to					
(Assigne			RPORATION		a corporation of	Japan			
(Address				Aichi-pref., 448-		t title and interest for			
					dersigned's entire righ and possessions in the				
					hich may be granted t				
(Title)			ON SYSTEM		<b> </b>				
,				(have) executed	on even date herewith	an application for			
	pat	tent in the Un			on even date, then ha				
			or has	already filed U.S	. application Serial No	o, on			
	Τ̈́ь	 e undersigne	d acknowledge	s an obligation of	assignment of this in	vention to said			
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The	undersic	ned hereby a	authorize(s) and	d request(s) the C	Commissioner of Pate	nts to issue any and all			
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The	undersi	gned hereby (	grant(s) the firm	of NIXON & VA	NDERHYE P.C. the p	ower to insert on this			
United State	any lurui Se Patont	er identificati Office for red	on which may be	e necessary or o	understood and agree	omply with the rules of the			
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**RECORDED: 11/24/2006**