Commissioner of Patents and Trademarks

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U.S. Department of Commerce Patent and Trademark Office

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Our Ref.: 2018-521

Box Assignment, Washington, D.C. 20231 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Masao KANO Yasunori KOBAYASHI Name: Denso Corporation 03/01/02 Hideaki ITAKURA Internal Address: Street Address: 1-1, Showa-cho, Kariya-city Norivasu AMANO Additional name/s of conveying party/ies attached? 3. Nature of conveyance: City: Aichi-pref. Assignment Assignment State/Country: Japan Security Assignment Change of Name Zip: 448-8661 Other Execution Date: February 18, 2002 Additional name/s & address/es attached? 

☐ Yes ☐ No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: February 18, 2002 A. Patent Application No(s). B. Patent No(s). (1) unknown (1)(2) (2) (3) (3)Additional numbers attached 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 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 1100 North Glebe Road should have been filed herewith (or with any paper thereafter 8<sup>th</sup> Floor filed in this application by this firm) to our Account No. City: Arlington State: VA 22201 14-1140. DO NOT USE THIS SPACE 9. Statements and signature. To 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 Name of Person Signing Reg. No. 25,640 Total number of pages including **original** cover sheet, attachments, and document: [4]

PATENT

607165

**REEL: 012657 FRAME: 0250** 

Commissioner of Patents and Trademarks

Our Ref: 2018-521

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

Box Assignment, Washington, D.C. 20231					
1. Name of conveying party(ies):					
2. Name and address of receiving party(ies): Name: Nippon Soken, Inc. Street Address: 14, Iwaya, Shimohasumi-cho, Nishio-city City: Aichi-pref. State: Japan Zip: 445-0012					
4. Application number(s) or patent number(s):  A. Patent Application No(s).  (4)  (5)  (6)  (7)  (8)  (9)	B. Patent No(s). (4) (5) (6) (7) (8) (9)				

**PATENT** 607165 **REEL: 012657 FRAME: 0251** 

Case No.: S6723-US-MDF/yo

## **ASSIGNMENT OF U.S. PATENT APPLICATION**

		Masao KANO				
(Inve	ntors)	Yasunori KOBAYASHI				
		Hideaki ITAKURA				
		Noriyasu AMANO				
		In considera	tion 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					
			transfer and set over to			
-	gnee)	DENSO CORPORA		a corporation of Japan		
(Addı			riya-city, Aichi-pref., 4	48-8661 Japan		
-	gnee)	NIPPON SOKEN, IN		a corporation of <b>Japan</b>		
(Addı	ress)	14, Iwaya, Shimoha	isumi-cho, Nishio-city	, Aichi-pref., 445-0012 Japan		
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest						
				ies and possessions in the invention, and all		
47F-43				nt which may be granted therefore, known as		
(Title	) .		ISSION CONTROL AP			
		for which the undersi	igned has (have) execu	ted on even date herewith an application for		
		patent in the United		not on even date, then has executed on		
			or has already filed	U.S. application Serial No, on		
		The undersigned ack	 rnowlodges an obligatio	on of assignment of this invention to said		
			the invention was made			
	<b>T</b> L	•				
thereo	ation or of and a leem ne	any interference which lso to execute separate ecessary or expedient	ch may be declared and te assignments in conno and further to perform	nd documents necessary in connection with the dany continuing or divisional applications ection with such applications as the Assignee any act which may be necessary in connection or Protection of Industrial Property or similar		
agree	ments.					
grant	The u	ındersigned agree(s) t id United States pater	to perform all affirmativent to the Assignee.	e acts which may be necessary to obtain a		
contin coven	II Letters uing ap ants tha	s Patent of the United plications thereof to th at he has (they have) t	States resulting from some said Assignee, as As full right to convey the e	s) the Commissioner of Patents to issue any aid application or any division or divisions or signee of the entire interest, and hereby entire interest herein assigned, and that he has nent 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 wit	ness whereof, execute	ed by the undersigned o	on the date(s) opposite the undersigned		
signat	ure(s).	,	,	( ) ( )		
-						
Date	Febr	mary 18.2002	Signature of inventor	Masao Kano		
Date	Fall	mary 18,2002	Signature of inventor	Zasanori Kobayashi		

264637

Yasunori KOBAYASHI

Date	February 18. 2002 Sign	ature of inventor	Mideaki Stakura Hideaki ITAKURA
Date	February 18, 2002 Sign	ature of inventor	Noriyasu Amano Noriyasu AMANO
Date	February 18, 2002	Witnessed by:	Joshikaju Matsushita
Date	February/8, 2012	Witnessed by:	Nachite Seko.
Date	February 18. 2002	Witnessed by:	Tetsuo blomo
Data	Jekrust 18 mes	Mitnocood by:	Yasuhero Virmini