1/28/08 Our Ref.: MNL-2018-2085 12-03-2008

**SHEET** 

10353/8	·/5
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 Norio YAMAMOTO 5	
2 Nozomi <b>KITAGAWA</b> 6	1) Name: DENSO CORPORATION
3 Katsuhide KUMAGAI 7	Street Address: 1-1, Showa-cho
4 Masahiko MIYATA 8	City: Kariya-city, Aichi-pref.
<u></u>	State/Country: Japan Zip: 448-8661
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	2) Name KABUSHIKI KAISHA TOKAI RIKA DENKI SEISAKUSHO
Assignment	Street Address: 260, Toyota 3-chome, Ohguchi-cho
Security Assignment Change of Name	City: Niwa-gun, Aichi-pref.
Other	State: Japan Zip: 480-0195
Execution Date: November 3, 2008; November 3, 2008; October 31, 2008; October 31, 2008, respectively	Additional name/s & address/es attached?   Yes No
4. Application number(s) or patent number(s):	assignment is being filed together with a new application.
A. Patent Application No(s).	B. Patent No(s).
(1) 12/195,792	(1)
(2)	(2)
(3) Additional numbers att	(3) ached ∏ Yes ⊠ No
5. Name and address of party to whom correspondence	ached Yes No  6. Total number of applications & patents involved:  1
concerning document should be mailed:	o. Four number of applications & patents involved.
<u>.</u>	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.	<u>deficiency</u> 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 informat	ion is true and correct and any attached copy is a true copy
of the original document.	
	November 28, 2008
Michelle N. Lester	
Tunio of Leisen S-8	nature
Reg. No. 32,331	Trackments and document:
Total number of pages including origin	nal cover sheet, attachments, and document:
to the state of th	to (571) 273-0140 or mailed to:

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

Case No.	:.	
112253	J-L	JS-MS/ns

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

(Inventor	rs) Norio Ya	amamoto			
	Nozomi	Nozomi Kitagawa			
	Katsuhi	Katsuhide Kumagai			
		co Miyata			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable			
			gned, the undersigned agree(s) to assign, and		
		ign, transfer and set over			
(Assigne		RPORATION	a corporation of Japan		
(Address		, Kariya-city, Aichi-pref.,			
(Assigne		I KAISHA TOKAI RIKA	DENKI a corporation of Japan		
	SEISAKUSHO				
(Address			/a-gun, Aichi-pref., 480-0195 Japan		
			ne undersigned's entire right, title and interest for		
			cies and possessions in the invention, and all		
			ent which may be granted therefore, known as		
(Title)		TUS FOR VEHICLE			
			euted on even date herewith an application for		
	patent in the Uni		f not on even date, then has executed on		
	August 21, 2009		d U.S. application Serial No. <u>12/195792</u> , on		
	August 21, 2008		ion of assignment of this invention to said		
		time the invention was ma			
	•				
I he	undersigned agree(s)	to execute all papers and	documents necessary in connection with the		
application of	r any interrerence whi	cn may be declared and a	ny continuing or divisional applications thereof and		
also to execu	ite separate assignme	ents in connection with suc	ch applications as the Assignee may deem may be necessary in connection with claims or		
necessary or	the International Con	yention for Protection of Ir	idustrial Property or similar agreements.		
•					
			acts which may be necessary to obtain a grant of a		
	States patent to the A				
The	undersigned hereby a	authorize(s) and request(s)	the Commissioner of Patents to issue any and all		
Letters Pater	nt of the United States	resulting from said applic	ation or any division or divisions or continuing		
applications t	thereof to the said As	signee, as Assignee of the	entire interest, and hereby covenants that he has		
(they have) for	ull right to convey the	entire interest herein assignment	gned, and that he has (they have) not executed and		
will not execu	ute, any agreement in	conflict nerewith.			
The	undersigned hereby g	grant(s) the firm of NIXON	& VANDERHYE P.C. the power to insert on this		
	&	on which may be necessal	v or desirable in order to comply with the rules of the		
	- D-LL Office for rec	sordation of this document	It is linderstood and adjeed that Assistance		
attornevs Nix	con & Vanderhye P.C	, have represented only As	SSIGNEE and will continue to represent only		
ASSIGNEE	with respect to this inv	rention.			
In wi	itness whereof, execu	ited by the undersigned or	the date(s) opposite the undersigned signature(s).		
Date New	ember 3. 2008	Signature of inventor	Morio Jamamoro		
Dato Tubb	ember 3. 2008 renber 3. 2008		Norio Yamamoto Norio Yamamoto Nozomi Kitagawa		
7	4 > - 0		Ma mi Xita anura		
Date Nov	rember 3, 2008	Signature of inventor			
			Nozomi Kitagawa		
Date		Signature of inventor	Katsuhide Kumagai		
			Varaniinė izniinaa.		
		of making of importor			
Date		Signature of inventor	Masahiko Miyata		

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Case	No.	:	
11	2253	3-l	JS-MS/ns

Date	November 3. 2000	Witnessed by:	Shizaki	Nohihashi
Date	November 3. 2008	Witnessed by:	Shigeaki	nishihashi'
Date		Witnessed by: _		
Date		Witnessed by:		

264637

PATENT REEL: 021943 FRAME: 0597

Case No.	:
112253	-US-MS/ns

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

(inv	entors)	Norio \	/amamoto			
•		Nozomi Kitagawa				
		Katsuhide Kumagai				
		Masahiko Miyata				
		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			
/ 4 -	-!		sign, transfer and set over to	a corporation of	lanan	
	signee)		ORPORATION		Japan	
•	dress)	KABUSHII	o, Kariya-city, Aichi-pref., 44 KI KAISHA TOKAI RIKA DE		Japan	
(As:	signee)	SEISAKUSHO	KI KAISHA IOKAI RIKA DE	NAI a corporation of	Japan	
(Ad	dress)		chome, Ohguchi-cho, Niwa-	gun, Aichi-pref., 480-01	95 Japan	
			signated as the Assignee) the			
			es, its territories, dependencie			
			patent and any Letters Paten	which may be granted the	nerefore, known as	
(Tit	le)		ATUS FOR VEHICLE			
			ndersigned has (have) execute			
		patent in the O	nited States of America or, if n	ot on even date, then has J.S. application Serial No		
		August 21, 200		.s. application Serial No	). <u>12/195/92,</u> On	
			<u>o.</u> ed acknowledges an obligatior	of assignment of this inv	vention to said	
			time the invention was made.		order to date	
	The und	_	s) to execute all papers and do		onnection with the	
applica			nich may be declared and any			
			nents in connection with such			
			er to perform any act which m			
provision	ons of the	International Co	nvention for Protection of Indu	strial Property or similar	agreements.	
	The und	ersigned agree(s	s) to perform all affirmative act	s which may be necessar	ry to obtain a grant of a	
valid U	nited State	es patent to the	Assignee.			
	The und	ersigned hereby	authorize(s) and request(s) th	e Commissioner of Pater	nts to issue any and all	
Letters	Patent of	the United State	es resulting from said application	on or any division or divis	ions or continuing	
applica	tions there	eof to the said A	ssignee, as Assignee of the er	tire interest, and hereby	covenants that he has	
(they ha	ave) full ri	ght to convey the	e entire interest herein assigne	ed, and that he has (they	have) not executed and	
will not	execute,	any agreement i	n conflict herewith.			
	The und	ersigned hereby	grant(s) the firm of NIXON & '	ANDERHYE P.C. the po	ower to insert on this	
assign	ment any	further identificat	ion which may be necessary o	or desirable in order to co	mply with the rules of the	
United	States Pa	tent Office for re	cordation of this document. It	IS understood and agree	o represent only	
attorne	ys Nixon	& Vandernye P.C	c. have represented only ASSI	GIVEL and Will Continue	io roprocom om,	
ASSIG	NEE with	respect to this in	ivention.	- data(a) appacite the UD	dersigned signature(s).	
	in witnes	ss whereof, exec	uted by the undersigned on th	e date(s) opposite the dif	dersigned eignatur a(e).	
Dete			Signature of inventor			
Date _				Norio Yamamoto		
Date			Signature of inventor,	Nozomi Kitagawa		
_				NOZOIII Kilayawa	Vama in:	
Doto	31/00	t./2008	Signature of inventor	1 alsun ole	7 01	
Date		<del></del>	- 5	Katsuhide Kumaga	ni .	
		/ 0	-	marchile h	rinata	
Date	Date 31/Oct./2008 Signature of inventor  Date 31/Oct./2008 Signature of inventor  Date 31/Oct./2008 Signature of inventor  Masahiko Miyata  Masahiko Miyata				or fores	
Date 37 Oct. / - Masahiko Miyata						

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**PATENT REEL: 021943 FRAME: 0598** 

Case	No.	:	
11.	2253	}-	US-MS/ns

Date		Witnessed by:			
Date		Witnessed by:			
Date	31/Oct./2008	Witnessed by: _	Fakamusu	Inaba	
Date	31/oct./2008	Witnessed by:	Kazuhito	Yaragami	

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PATENT REEL: 021943 FRAME: 0599