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Name of conveying party(ies):	2. Name and address or recommendation ty(ies):
(1) Hirofumi ENDO; (2) Yoshitaka KOGA; (3) Satoru TAGAWA,' (4) Yasuhiro KOJIMA; (5) Mikihito NAGURA; (6) Hiroshi TAMURA; (7) Yasunori HASEGAWA; (8) Masato OHCHI; and (9) Masaki FUKUZAWA	Name: AISIN SEIKI KABUSHIKI KAISHI Internal Address: NOV 0 2 2004
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Execution Date: August 4, 2004 and August 30, 2004	City: State: Zip:
	Additional name(s) & addresses attached?
Application number(s) or patent number(s):	Basel Hanne
If this document is being filed together with a new application A. Patent Application No.(s)	n, the execution date of the application is: B. Patent No.(s)
Additional numbers attaches. Name and address of party to whom correspondence concerning document should be mailed:	ed? Yes No 6. Total number of applications and patents involved: 1
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Address:	
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Customer Number 2 1 8 3 9	Credit card. Form PTO-2038 is attached.
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Matthew L. Schneier 32,814	"loother Johner Nov. 3, 2014
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PATENT REEL: 015943 FRAME: 0933

Attornev's	Docket No.	033228-046

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by (1) Hirofumi ENDO, (2) Yoshitaka KOGA, (3) Satoru TAGAWA, (4) Yasuhiro KOJIMA, (5) Mikihito NAGURA, (6) Hiroshi TAMURA, (7) Yasunori HASEGAWA, (8) Masato OHCHI and (9) Masaki FUKUZAWA				
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}				
residing at (1) Toyota-shi, Aichi-ken, (2) Chiryu-shi, Aichi-ken, (3) Takahama-shi, Aichi-ken, (4) Kariya-shi, Aichi-ken, (5) Kariya-shi, Aichi-ken, (6) Toyota-shi, Aichi-ken, (7) Kasugai-shi, Aichi-ken, (8) Kasugai-shi, Aichi-ken and (9) Kasugai-shi, Aichi-ken, all of Japan				
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(hereinafter	referre	d to as	"the Assignors"), respectively, witnesseth:	·
			•	
SEAT STATU			ssignors have invented certain new and useful impro	vements in
SLAI SIAIC	JS DETE	CHING	DEVICE	
				
	ın applic		or Letters Patent of the United States, which is a	
(1)	0	provis	sional application	
	(a)	•	bearing Application No.	, and filed on
	(b)	0	to be filed herewith; or	
(2)	•	non-p	rovisional application	
` ,	(a)	Θ	bearing Application No.	and filed on
	· ·	<u> </u>	July 20, 2004 ;	, and mod off
	(b)	0	having an oath or declaration executed on even dat filing of application;	e herewith prior to
	(c)	0	having an oath or declaration executed on a differer Assignment; and	nt date than this
			Page 1 of 3	(3/04)

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Application No.	
Attorney's Docket No.	033228-046

WHEREAS, Aisin Seiki Kabushiki Kaisha
a corporation duly organized under and pursuant to the laws of Japan
and having a principal place of business at 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, 448-8650
Japan

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

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Application No.	•
Attorney's Docket No.	033228-046

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE August 4, 2004	Idisofuni Endo Hirofumi ENDO
DATE August 4. 2004	Yoshitaka Ko Yoshitaka Ko
-	
DATE August 4, 2004	Satoru Jagawa Satoru TAGAWA
DATE August 4.2004	Gambiro Coj Yasuhiro KOJIMA
DATE August 4. 2004	Mikihito MAGURA
DATE August 30, 2004	Mikihito NAGURA Hiroshi Jamur. Hiroshi TAMURA
DATE August 20 2004	Hiroshi TAMURA
	Yasunori Hasegaw Yasunori HASEGAWA
DATE August, 30, 2004	Masato Ohchi Masato OHCHI
DATE August , 30,2004	Masaki Fuhuza Masaki FUKUZAWA
DATE	*

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RECORDED: 11/02/2004