PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naotaka MURAKAMI	08/04/2005
Hiroyuki MASAKI	08/04/2005

RECEIVING PARTY DATA

Name:	AISIN AW CO., LTD.	
Street Address:	10, Takane, Fujii-cho, Anjo-shi, Aichi-ken	
City:	Anjo-Shi	
State/Country:	JAPAN	
Postal Code:	444-1192	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11187861

CORRESPONDENCE DATA

Fax Number: (703)739-9391

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703 739 9393

Email: lorussoandloud@comcast.net

Correspondent Name: George A. Loud, Equire
Address Line 1: LORUSSO & LOUD

Address Line 2: 3137 Mount Vernon Avenue
Address Line 4: Alexandria, VIRGINIA 22305

NAME OF SUBMITTER: George A. Loud

Total Attachments: 2 source=187861#page1.tif source=187861#page2.tif

> PATENT REEL: 016423 FRAME: 0325

500045928

OP \$40 00 1118

	Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee) Docket No.							
This is	an A	ssignment of the following rights, title a	nd interest:	(check all that appl	(y):			
	X	United States of America rights, title a	nd interest	in the invention				
	☐ Foreign rights, title and interest in the invention							
	X	United States Patent Application Serial No.		11/187,861				
		Date of Execution:		Date of Filing:	7/25/2	005		
		United States Provisional Patent Appl	ication Seri	al No.		Access to the second se		
		United States Patent No(s).		! No.				
		International (PCT) Patent Applicatio	n Serial No					
		Other (specify)						
Tid d	C41 1							
		OTRANSMISSION ELECTRONIC CONT	DOL DEST	IC₽	·····	1		
AUIO	II AIVI	C TRANSMISSION ELECTRONIC CONT	KOL DEV.					
<u> </u>				· · · · · · · · · · · · · · · · · · ·				
Invento	ors (a	ssignors)						
		Name			idress			
Naota	aka M	URAKAMI	10. Takane			-1192, Japan		
		ASAKI	10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan					
<u> </u>					···			
<u> </u>								
			·					
				····				
					, , , , , , , , , , , , , , , , , , , ,			
		·						
Assign	ee							
		Name		A	ddress			
AISIN	WA I	CO., LTD.	10, Takane	, Fujii-cho, Anjo-shi,	Aichi-ken, 444	-1192, Japan		
<u></u>								

[Page 1 of 2

AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

RECORDED: 08/19/2005

Name	Signature/Date				
Naotaka MURAKAMI	Naotaka	murakami	4th. Aug. 2005		
Hiroyuki MASAKI	Hirozuki	mass (k)	4th. Aug. 2005 4th. Aug. 2005		
		<u> </u>			

[Page 2 of 2