To the Director of the U.S. Patent and	07/22/201		j -	U.S. Department Patent and Trade Attorney Docket Attorney Custom	mark Office No. 08585.0037 er Number: 22.8
Please record the attached original de	103629472		Mail St	op Assignment R	ecordation Serv
1. Name of conveying party(ies): Shinichi HANEDA Shuji INOUE Makoto ITO Kenichi ADACHI Kiyoichi KITA Jun SHOBO	U.S. PTO 13/137020 07/15/2011	Name:	(1) AISIN	dress of receiving SEIKI KABUSHIH KEIKINZOKU KA	(I KAISHA
Additional name(s) of conveying party(ies)	attached? ☐ Yes ☒ No	Internal	Address:		
3. Nature of conveyance:		Street A	Address: (2	1) 1, Asahi-machi 2) 12-3, Nagonoe,	2-chome, Kariya- Imizu-shi
☑ Assignment ☐ Merg	ger	City:	(1) Alchi-ken, (2) Toyama-ke	448-8650, Japan; en, Japan	
Security	nge of Name	State:		Zip Code:	
M. Ito-May 18, 2011; K. <u>Kita-May 20, 2011;</u> J. S	11; S. Inoue-May 18, 2011; Adachi-May 17, 2011; K. hobo-May 19, 2011		☐ Yes	ddress(es) attach	,
Application number(s) or patent number(s): application: K. Hodoya-June 27, 2011; S. K A. Patent Application Number(s):	awaguchi-June 22, 2011	B.	Patent Numbe		on date of the
Addit	ional numbers attached?	│ ☐ Yes	⊠ No		
4. Name and address of party to who concerning document should be ma		5.	Total number of involved:	of applications and	_
					4.
Name: James W. Edmondson		. 6.	Total fee (37 C	FR 3.41): \$40	
Name: James W. Edmondson		.6. ⊠	Total fee (37 C	FR 3.41): \$40 (Please charge de	
internal Address: FINNEGAN, HENDERS	ON, FARABOW, GARRETT	1	Total fee (37 C Enclosed account)	•	ficiency to depos
internal Address: FINNEGAN, HENDERS & DUNNER, L.L.P.		⊠	Total fee (37 C Enclosed account)	(Please charge de	ficiency to depos
internal Address: FINNEGAN, HENDERS & DUNNER, L.L.P. Street Address: 901 New York Avenue,		⊠	Total fee (37 C Enclosed account)	(Please charge de	ficiency to depos
internal Address: FINNEGAN, HENDERS & DUNNER, L.L.P. Street Address: 901 New York Avenue, City: Washington, D.C.		⊠	Total fee (37 C Enclosed account) Authorize	(Please charge de	oficiency to depose deposit account
Internal Address: FINNEGAN, HENDERS & DUNNER, L.L.P. Street Address: 901 New York Avenue, City: Washington, D.C. State: Zip: 8. Statement and signature. To the best of my knowledge and belief, the	N.W. 20001-4413	7.	Total fee (37 C Enclosed account) Authorize Deposit Account	(Please charge de d to be charged to nt No.: <u>06-0916</u>	deposit account
internal Address: FINNEGAN, HENDERS & DUNNER, L.L.P. Street Address: 901 New York Avenue, City: Washington, D.C. State: Zip:	N.W. 20001-4413	7.	Total fee (37 C Enclosed account) Authorize Deposit Account	(Please charge de d to be charged to nt No.: <u>06-0916</u>	deposit account 137828 48.88 0P copy of the origin

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	SOLE	JOINT	INVENTIO
		(U.S.	Rights Only
Attorney	Docket	No	

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: IMPACT ABSORBING DEVICE FOR VEHICLE AND BUMPER DEVICE FOR VEHICLE

for which I/WE executed an a for United States Letters Pate	oplication for United States Lette nt on (A	rs Patent concurrently pplication No.	herewith or filed an application); and
WHEREAS, AISIN SEIKI K a corporation of JAPAN	ABUSHIKI KAISHA and AISIN K	EIKINZOKU KABUSH	IKI KAISHA
whose post office address is	1, Asahi-machi 2-chome, Kariya Imizu-shi, Toyama-ken, Japan	a-shi, Aichi-ken, 448-8	650 Japan and 12-3, Nagonoe,

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filling date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

TO TO TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE TO	ASSIGNOR'S SIGNATURE	DATE
1. FULL NAME OF SOLE OR FIRST ASSIGNOR	Das 1 1 7/	May 16,20
Shinichi HANEDA	Shinichi Haneda	
		CITIZENSHIP
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-ci	home, Kariya-shi, Aichi-ken, 448-8650 Japan	Japan
do AISIN SEIKI KABUSHIKI KAISHA, 1, ASANI-MACII 2-01	nome, name on, new many	
	L ASSIGNOR'S SIGNATURE	DATE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNORS SIGNATIONE	140.00 2011
Shuji INOUE	Shuji Inoue	May 18.2011
	1 Study Study	CITIZENSHIP
ADDRESS	hama Kariya shi Aichi-ken 448-8650 Japan	Japan
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-c	Home, Ranya-Sin, Mon. Ren, Cite Sees September 1	
		DATE
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	May 18. 2017
Makoto ITO	makete Ito	May 10
Wakotorio	17/201000	CITIZENSHIP
ADDRESS	. Waster and Alphi ken 448-8650 Janan	Japan
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-c	home, Kanya-shi, Alchi-ken, 440-0000 dapan	
007110117 02		DATE
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	1 57.115
4. FULL NAME OF FOORTH AND ISSUED		,
Kenichi ADACHI		CITIZENSHIP
- ADDECC		Japan
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-c	chome, Kariya-shi, Aichi-ken, 448-8650 Japan	, oupun
CO AISIN SEIN INDUSTRIA	, ,	

SOLE/JOINT INVENTIO (U.S. Rights Only Attorney Docket No._____

		, = = =
5. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	
Kiyoichi KITA	THE STORE SIGNATURE	DATE
	Line Do Wa	· .
ADDRESS	Kuyaichi Kita	May 20, 20,
C/o AISIN KEIKINZOKU KABUSHIKI KAISHA, 12-3,	Nagonoe, Imizu-shi, Toyama-ken, Japan	CITIZENSHIP Japan
6. FULL NAME OF FOURTH ASSIGNOR, IF ANY		
Jun SHOBO	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	·	
CO AISIN KEIKINZOKI KA DUGUMA		CITIZENSHIP
⊄o AISIN KEIKINZOKU KABUSHIKI KAISHA, 12-3,	Nagonoe, Imizu-shi, Toyama-ken, Japan	Japan
		,

SOLE/JOINT	INVENTION
(U.S.	Rights Only
Attorney Docket No.	

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: IMPACT ABSORBING DEVICE FOR VEHICLE AND BUMPER DEVICE FOR VEHICLE

for which I/WE executed an a for United States Letters Pate	pplication for United Stent on	ates Letters Patent concurrently I	nerewith or filed an application); and
WHEREAS, AISIN SEIKI K a corporation of JAPAN	ABUSHIKI KAISHA an	d AISIN KEIKINZOKU KABUSHI	KI KAISHA
whose post office address is	1, Asahi-machi 2-cho Imizu-shi, Toyama-ke	me, Kariya-shi, Aichi-ken, 448-86 n, Japan	50 Japan and 12-3, Nagonoe,

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

FULL NAME OF SOLE OR FIRST ASSIGNOR Shinichi HANEDA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Shuji INOUE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS do AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Makoto ITO	ASSIGNOR'S SIGNATURE	DATE
ADDRESS do AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Kenichi ADACHI	Kenichi Adachi	May 17,2011
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZÉNSHIP Japan PATENT

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		Morney Docket No
5. FULL NAME OF FOURTH ASSIGNOR, IF ANY Kiyoichi KITA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS c/o AISIN KEIKINZOKU KABUSHIKI KAISHA, 12-3, Na	gonoe, Imizu-shi, Toyama-ken, Japan	CITIZENSHIP Japan
6. FULL NAME OF FOURTH ASSIGNOR, IF ANY Jun SHOBO ADDRESS	ASSIGNOR'S SIGNATURE	DATE
do AISIN KEIKINZOKU KABUSHIKI KAISHA, 12-3, Na	gonoe, Imizu-shi, Toyama-ken, Japan	CITIZENSHIP Japan

	SOLE	JOINT	INVENTION
Attornov		(U.S.	Rights Only)
Attorney	Uocket	No	

ASSIGNMENT

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for which I/WE executed an a for United States Letters Pate	pplication for United Stant on	ates Letters Patent concurrently, (Application No.	y herewith or filed an application); and
WHEREAS, AISIN SEIKI K a corporation of JAPAN	ABUSHIKI KAISHA and	AISIN KEIKINZOKU KABUSI	HIKI KAISHA
whose post office address is	1, Asahi-machi 2-chon Imizu-shi, Toyama-ker	me, Kariya-shi, Aichi-ken, 448-8 n, Japan	8650 Japan and 12-3, Nagonoe,

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FULL NAME OF SOLE OR FIRST ASSIGNOR Shinichi HANEDA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Shuji INOUE	ASSIGNOR'S SIGNATURE	DATE
ADDRESS c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kanya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Makoto ITO	ASSIGNOR'S SIGNATURE	DATE
ADDRESS C/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Kenichi ADACHI	ASSIGNOR'S SIGNATURE	DATE
ADDRESS C/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2	-chome, Kariya-shi, Aichi-ken, 448-8650 Japan	CITIZENSHIP Japan

SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No.____

5. FULL NAME OF FOURTH ASSIGNOR, IF ANY Kiyoichi KITA	ASSIGNOR'S SIGNATURE	DATE
ADDRESS c/o AISIN KEIKINZOKU KABUSHIKI KAISHA, 12-3, Nagonoe, Imizu-shi, Toyama-ken, Japan		CITIZENSHIP Japan
6. FULL NAME OF FOURTH ASSIGNOR, IF ANY Jun SHOBO	ASSIGNOR'S SIGNATURE Shobe	DATE
ADDRESS c/o AISIN KEIKINZOKU KABUSHIKI KAISHA, 12-3, Nagonoe, Imizu-shi, Toyama-ken, Japan-		CITIZENSHIP

PATENT REEL: 026669 FRAME: 0480

RECORDED: 07/15/2011