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FORI TO-1595 1-31- TALW-0165	3.24:01			U.S. DEPARTMENT OF COMMERC Patent and Trademark Office
To The Honorable Com thereof.	missioner of Patei	10166	§ <u>2</u> 83 <u>3</u> ., ,,,,,,,	ne attached original documents or copy
Name of conveying party(ies): Katsuyuki Kajiura				lress of receiving party(ies); Kaisha Toyoda Jidoshokki Seisakusho
Additional name(s) of conveying party(ies) attached? () YES (XX) NO 3. Nature of Conveyance:			Address: 2-1, Toy	roda-cho, Kariya-shi, Aichi-ken, 71, Japan
 (XX) Assignment () Merger () Security Agreement () Change of Name () Other: Execution Date(s): November 21, 2000 			Additional name(s) & address attached? ()YES (XX)NO
4. Application number(s) or patent number		cation, the execution	on date of the application is:
A. Patent Application No.(s) 09/731,967		B. Patent No.(s)		
		İ	N/A.	
	Addition	al numbers atta	ached? () YES (X	(X) NO
5. Name and address of party to whom correspondence concerning documents should be mailed: Name: Michael P. Dunnam, Esquire		6. Total number of One (1)	of applications and patents involved:	
Internal Address: WOO MACKIEWICZ & NORRI One Liberty Place - 46tl Philadelphia, Pennsylvar	DCOCK WASHBURN S LLP n Floor	I KURTZ	(X) Enclosed	OFR 3.41):\$40.00 o be charged to Deposit Account 050
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9. Statement and signa To the best of my know copy of the original doc	vledge and belief, the			correct and any attached copy is a true
Michael P. Dunnam; 32	,611	Mulon	Munram lature	March 27, 2001 Date
	Total numbe	r of pages inclu	iding cover sheet, a	attachments, and document: 2
Mail documents to be re	ecorded with required	d cover sheet in	nformation to:	

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PATENT REEL: 011661 FRAME: 0028

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

Insert ASSIGNEB's Name(s) Address(es))		DA JIDOSHOKKI SEISAKUS ya-shi, Aichi-ken, 448	
Title of nvention)	(hereinafter "ASSIGNEE"), the receip transfers to ASSIGNEE the entire and VEHICLE BATTERY CHARG	d exclusive right, title and interest to	
	relating to International Patent Applic		and/or for which application for Letters Patent
nsert date f execution f application, not oncurrent)	(a) executed on 12/07/00 Serial No. 09/731,967	1	ereby authorized to insert in (b) the specified
	renewal, substitute, reissue or reexami Patent(s) may be granted and includin Patent(s)"). The ASSIGNOR agree(s), ASSIGNEE, to do all acts which the action of the conforcing protection for said invention said Letters Patent(s), in any interfere proceeding which may arise or be declincluding separate assignments and deproducing evidence.	nation application based thereon, for g any extensions thereof (collectively, when requested by said ASSIGNEE a ASSIGNEE may deem necessary, designification, or publicated in relation to same, such acts to	ed on said application and any continuation, division, the full term or terms for which the said Letters, hereinafter, "said application(s) and Letters and without charge to but at the expense of said irable or expedient, for securing, maintaining and osecution of said application(s) and the issuance of a use proceeding, and in any litigation or other legal o include but not be limited to executing all papers, providing sworn testimony, and obtaining and the said papers affixed his/her/their signature(s).
(C) manh unan)	1) Katsuyuti Kajiura (SIGNATURE)	Katsuyuki Kajiura	November 21, 2000
(Signatures)	(SIGNATURE)	(TYPE NAME)	(DATE)
	2) (SIGNATURE)	(TYPE NAME)	(DATE)
	3)(SIGNATURE)	(TYPE NAME)	(DATE)
	4)(SIGNATURE)	(TYPE NAME)	(DATE)
	5)(SIGNATURE)	(TYPE NAME)	(DATE)
	6)(SKGNATURE)	(TYPE NAME)	(DATE PATENT

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