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Al	exandria, VA 22313-1450		Att	orney Docket No.	140323
	ase record the attached document.	et, attachments, and docume	ent: <u>5</u>		
1.	A. Name of conveying parties:		2. A. Name and	l address of receivi	
	(1) Yu HASHIMOTO (2) Yoshihiko UKAI (3) Keiichi MATSUNAGA		(1) TOYOTA 1, TOYOTA	A JIDOSHA KA	BUSHIKI KAISHA
		g party(ies) attached? ☐ Yes ☑ No			ASHIBATA-CHO 4-1213
3.	A. Nature of conveyance: Assignment Security Agreement Other	Merger Change of Name	B. Additiona	ll name(s) & addre: □Y	ss(e₃) attached? ″es ⊠ No
	B. Execution Date: (1) & (2) Feb (3) January 16, 2009	oruary 2, 2009;			
4.	A. Patent Application No. 12/309,	818	B. Patent No	.(s)	
	Additional numbers attached? ☐ Yes ☒ No				
	C. Title of Application: ASSEMBLY MEMBER AND METHOD OF MANUFACTURING ASSEMBLY MEMBER				
5.	Name and address of party to whom co concerning document should be mailed		6. Total number o	f applications and	patents involved: 1
	Name: James A. Oliff				ount No. 15-0461 the ne amount of \$40.00.
	Address: OLIFF & BERRIDGE, PLO P.O. Box 320850 Alexandria, VA 2232 Phone Number: 703-836- Fax Number: 703-836-2	20-4850 6400		payment or charge number 15-0461.	any underpayment to
9.	Statement and signature. To the best of my knowledge and believe original document. James A. Oliff Nicolas A. Brentlinger Registration	No. 27,075		nd any attached co Sebruary 24, 2009	ppy is a true copy of the

PATENT REEL: 022303 FRAME: 0109

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventors, Yu HASHIMOTO of Toyota-shi, Aichi-ken, Japan, and Yoshihiko UKAI of Toyota-shi, Aichi-ken, Japan, (hereinafter refeired to as "the Assignors"), have invented certain new and useful improvements in "ASSEMBLY MEMBER AND METHOD OF MANUFACTURING ASSEMBLY MEMBER", for which an International patent application was filed on July 31, 2006 and was assigned serial number PCT/JP2006/315176; and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of Japan, and having a principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest of the Assignors in and to said improvements, the entire right, title and interest of the Assignors in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefore and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest of the Assignors in and to the above-mentioned improvements, the entire right, title and interest of the Assignors in and to any US patent applications and any and all Patents of the United States of America that may be granted therefore 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 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 behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which 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 to and agree 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 improvements set forth in said above-mentioned application, and that the same right, title, and interest 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 to and agree 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 improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, 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 Patents, or any reissue or extension of any 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 Patents for said improvements, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: February 2, 2009 Name of Assignor Yu Hashimoto

Yu HASHIMOTO

Date: February 2, 2009 Name of Assignor Yoshihiko Ukai

Yoshihiko UKAI

₫ 004

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventor, Keiichi MATSUNAGA of Anjo-shi, Aichi-ken, Japan (hereinafter referred to as "the Assignor"), has invented certain new and useful improvements in "ASSEMBLY MEMBER AND METHOD OF MANUFACTURING ASSEMBLY MEMBER", for which an International patent application was filed on July 31, 2006 and was assigned serial number PCT/JP2006/315176; and

WHEREAS, MEG INC., a corporation duly organized under and pursuant to the laws of Japan, and having a principal place of business at 42, Minamiyouchi, Higashibatacho, Anjo-shi, Aichi-ken, 444-1213 Japan, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest of the Assignor in and to said improvements, the entire right, title and interest of the Assignor in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor in and to the above-mentioned improvements, the entire right, title and interest of the Assignor in and to any US patent applications and any and all Patents of the United States of America 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 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 behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants to and agrees with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owners of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor has 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 Assignor hereby covenants to and agrees with the Assignee, its successors, legal representatives, and assigns that the Assignor 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 improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, 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 Patents, or any reissue or extension of any 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 Patents for said improvements, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

PATENT REEL: 022303 FRAME: 0112 Date: 2009, 16 Name of Assignor Keiichi Matsunga.

Keiichi MATSUNAGA

PATENT

RECORDED: 02/24/2009 REEL: 022303 FRAME: 0113 2