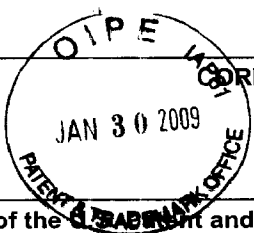


RE



02-04-2009



103546671

IEET U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 09227.0016 Document ID No. 103305484 Attorney Customer Number: 22,852

To the Director of the Patent and Trademark Office Please record the attached original document

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies): Issei NAKASHIMA Toshio FUWA Yoshikazu MOTOZONO		2. Name and address of receiving party(ies): Name: Toyota Jidosha Kabushiki Kaisha	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 1, Toyota-cho	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Toyota shi, Aichi-ken	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: Japan	Zip Code: 471-8571
<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:		
Execution Date: Issei NAKASHIMA-August 23, 2006; Toshio FUWA-August 24, 2006; and Yoshikazu MOTOZONO-August 25, 2006			

Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s): 11/515,946	B. Patent Number(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

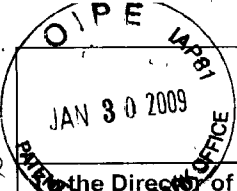
4. Name and address of party to whom correspondence concerning document should be mailed:	5. Total number of applications and patents involved: 1
Name: James W. Edmondson	6. Total fee (37 CFR 1.21(h) and 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916) <input type="checkbox"/> Authorized to be charged to deposit account
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	
Street Address: 901 New York Avenue, N.W.	
City: Washington, D.C.	
State: Zip: 20001-4413	7. Deposit Account No.: 06-0916

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and a true and correct copy of the original document.

Signed: James W. Edmondson January 30, 2009
Date

Total number of pages including cover sheet, attachments and documents: 6



09-12-2006



103305484

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09227.0016
Attorney Customer Number: 22,852

Mail Stop Assignment Recordation Services

9.6.06

Please forward the attached original documents or copy to the Director of the U.S. Patent and Trademark Office

1. Name of conveying party(ies): Issei NAKASHIMA Toshio FUWA Yoshikazu MOTOZONO		2. Name and address of receiving party(ies): Name: Toyota Jidosha Kabushiki Kaisha	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 1, Toyota-cho	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Toyota shi, Aichi-ken	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: Japan	Zip Code: 471-8571
<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:		
Execution Date: Issei NAKASHIMA-August 23, 2006; Toshio FUWA-August 24, 2006; and Yoshikazu MOTOZONO-August 25, 2006			
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: Issei NAKASHIMA-August 23, 2006; Toshio FUWA-August 24, 2006; and Yoshikazu MOTOZONO-August 25, 2006			
A. Patent Application Number(s):		B. Patent Number(s):	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Name and address of party to whom correspondence concerning document should be mailed:		5. Total number of applications and patents involved: 1	
Name: James W. Edmondson		6. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)	
Street Address: 901 New York Avenue, N.W.		<input type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State: Zip: 20001-4413		7. Deposit Account No.: 06-0916	
8. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Signed: <u>James W. Edmondson</u>		September 6, 2006 Date	
Total number of pages including cover sheet, attachments and documents: 3			



12/2005

09/08/2006 MBELETE1 00000008 11515946
01 FC:8021

40.00 DP

PATENT
REEL: 022210 FRAME: 0529

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventors, Issei NAKASHIMA of Toyota-shi, Aichi-ken, Japan, Toshio FUWA of Nisshin-shi, Aichi-ken, Japan and Yoshikazu MOTOZONO of Nishikamo-gun, Aichi-ken, Japan (hereinafter referred to as "the Assignors"), have invented certain new and useful improvements in "RUNNING OBJECT AND METHOD OF CONTROLLING THE SAME", for which a US patent application will be filed and the serial number and filing date will be entered below by the Assignors or their designate, when that information becomes available; 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 therefor 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 assign, 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 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 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 assign, 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 assign that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assign, 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 Assignors hereby authorize the Assignee, its successors and assign, or anyone it may properly designate, to insert below the filing date and serial number of said patent application, when said filing date and serial number become available:

US Patent Application Serial No. _____ Filing Date _____;

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: 06/08/23 Name of Assignor Issei Nakashima
Issei NAKASHIMA

Date: 06/08/24 Name of Assignor Toshio Fuwa
Toshio FUWA

Date: 06/08/25 Name of Assignor Yoshikazu Motozono
Yoshikazu MOTOZONO