

10-05-2007

11/887206

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 07043.0066  
Attorney Customer Number: 22,852To the Director of the U.S. Patent and Trademark Office  
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103451114

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):  
Kouki MORIYA

Name and address of receiving party(ies):

Name: Toyota Jidosha Kabushiki Kaisha

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address:

3. Nature of conveyance:

Street Address: 1, Toyota-cho

☒ Assignment☐ Merger

City: Toyota-shi, Aichi-ken

☐ Security Agreement☐ Change of Name

State: Japan

Zip Code: 471-8571

☐ Other:

Additional name(s) &amp; Address(es) attached?

Execution Date: July 5, 2007

☐ Yes☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: July 5, 2007

5. A. Patent Application Number(s): B. Patent Number(s):

Additional numbers attached?

☐ Yes☒ No

6. Name and address of party to whom correspondence concerning document should be mailed:

Name: James W. Edmondson

7. Total number of applications and registrations involved: 1

8. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)☐ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT &amp; DUNNER, L.L.P.

Street Address: 901, New York Avenue, N.W.

City: Washington, D.C.

State: Zip: 20001-4413

9. Deposit Account No.: 06-0916

10. 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.

James W. Edmondson

Signature

September 26, 2007

Date

Total number of pages including cover sheet, attachments and documents: 3

**11/887206**

**IAP17 Rec'd PCT/PTO 26 SEP 2007**

**JOINT INVENTION  
(U.S. Rights Only)**

**ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

**ABNORMALITY DETERMINATION DEVICE OF POWER SUPPLY  
AND ABNORMALITY DETERMINATION METHOD THEREOF**

for which we executed an application for United States Letters Patent concurrently herewith or on or filed an application for United States Letters Patent on (Application No. \_\_\_\_\_); and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, a corporation of Japan whose post office address is 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan (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, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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 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, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to 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, WE HEREBY authorize and request the attorneys 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.

**PATENT  
REEL: 019949 FRAME: 0303**

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Kouki MORIYA  
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA,  
1, Toyota-cho, Toyota-shi, Aichi 471-8571  
Japan

Citizenship: Japan

Signature: Kouki Moriya

Date: July 5, 2007