

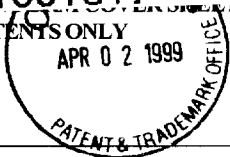
04-06-1999



Assistant Commissioner for Patents  
Box Assignments  
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PATENTS ONLY  
APR 02 1999



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No. JAO 40428


4-2-99

To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof.

<p>1. A. Name of conveying party(ies):  TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471, JAPAN</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. A. Name and address of receiving party(ies):  KABUSHIKI KAISHA TOKAI-RIKA-DENKI- SEISAKUSHO 1, AZA-NODA, OHAZA-TOYOTA OHGUCHI-CHO, NIWA-GUN AICHI-KEN, 480-01, JAPAN</p> <p>B. Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. A. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>B. Execution Date: <u>March 23, 1999</u></p>	
<p>4. A. If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>B. Patent Application No.(s) <u>08/994,945</u>      C. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>James A. Oliff</u></p> <p>Address: <b>OLIFF &amp; BERRIDGE, PLC</b> <b>P.O. Box 19928</b> <b>Alexandria, VA 22320</b></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. A. Total fee (37 CFR 3.41).....\$ <u>40.00</u> B. Enclosed (Check No. <u>67313</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p>

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9. 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 A. Oliff, Registration No. 27,075  
Paul T. Bowen, Registration No. 38,009

Date: April 2, 1999

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

## ASSIGNMENT

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, a company of established under the laws of Japan, whose address is 1, Toyota-cho, Toyota-shi, Aichi-ken, 471, Japan, (hereinafter called "Assignor") is a joint owner by assignment duly recorded in the United States Patent and Trademark Office at the Reel and Frames indicated below of the following United States Letters Patent(s) and/or patent application(s) (hereinafter called "Patent Properties"):

<u>Application or Patent Number and Date of Filing or Issue</u>	<u>Named Inventors</u>	<u>Reel and Frame</u>
08/994,945	Masayuki KAWAMOTO Kimitoshi TSUZI Jun-ichi NAKAHO	9065/0221-0222

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor jointly. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO, a company established under the laws of Japan, whose address is 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwa-gun, Aichi-ken, 480-01, Japan, (hereinafter called "Assignee") is a joint owner of said Patent Properties and is desirous of acquiring the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions of the same;

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, its entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of

**PATENT  
REEL: 9858 FRAME: 0315**

past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its heirs, successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States, resulting from said Patent Properties and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF & BERRIDGE, PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is effective as of the 23 day of March, 1999.

Kazuo Nagai  
Witness

Masahiro Ezaki  
Signature  
Officer of Assignor

\_\_\_\_\_  
Witness

Masahiro Ezaki  
Typewritten Name of Officer  
General Manager  
Intellectual Property Division  
Title of Officer