



03-22-2004



102700717

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

1. Name of conveying party(ies):
Takumi TANIGUCHI
Masayoshi TAKAMI
Masahiro RIKUKAWA
Yuko TAKEOKA
3.15-04

2. 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, Toyota-shi

Assignment

Merger

City: Aichi-ken,

Security Agreement

Change of Name

State: Japan

Zip Code: 471-8571

Other: [Describe]

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

Execution Date: March 5, 2004

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:

A. Patent Application Number(s):
10/720,469

B. Patent Number(s):
[Text]

Additional numbers attached? Yes No

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

6. Total number of applications and registrations involved:
1

Name: James W. Edmondson, Esq.

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

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

Enclosed (Please charge deficiency to deposit account)

Street Address: 1300 I Street, N.W.

Authorized to be charged to deposit account

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

03/19/2004 LMUELLER 00000060 10720469

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40.00 BP

James W. Edmondson

Signature

March 15, 2004

Date

Total number of pages including cover sheet, attachments and documents: 2

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: PHOSPHORUS-CONTAINING POLYMER COMPOUND, SYNTHESIZING METHOD THEREOF, ANTIOXIDANT, HIGH-DURABILITY POLYMER ELECTROLYTE COMPOSITE, ELECTRODE, AND FUEL CELL for which I/WE executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on November 25, 19 2003 (Serial No. 10/720,469); and

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

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

- | | | |
|--|---|-------------------------------|
| 1. Full Name of Sole or First Assignor : <u>Takumi TANIGUCHI</u> | : Assignor's Signature : <u>Takumi Taniguchi</u> | : Date : <u>March 5, 2004</u> |
| Address : <u>c/o Sophia University of CHIYODA-KU TOKYO, 102-8554 JAPAN</u> | : Citizenship : <u>Japan</u> | |
| 2. Full Name of Second Assignor : <u>Masayoshi TAKAMI</u> | : Assignor's Signature : <u>Masayoshi Takami</u> | : Date : <u>March 5, 2004</u> |
| Address : <u>c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan</u> | : Citizenship : <u>Japan</u> | |
| 3. Full Name of Third Assignor : <u>Masahiro RIKUKAWA</u> | : Assignor's Signature : <u>Masahiro Rikukawa</u> | : Date : <u>March 5, 2004</u> |
| Address : <u>c/o Sophia University of CHIYODA-KU TOKYO, 102-8554 JAPAN</u> | : Citizenship : <u>Japan</u> | |
| 4. Full Name of Third Assignor : <u>Yuko TAKEOKA</u> | : Assignor's Signature : <u>Yuko Takeoka</u> | : Date : <u>March 5, 2004</u> |
| Address : <u>c/o Sophia University of CHIYODA-KU TOKYO, 102-8554 JAPAN</u> | : Citizenship : <u>Japan</u> | |

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