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Attorney Docket  
No.: 10059-365US  
(P23917-01)

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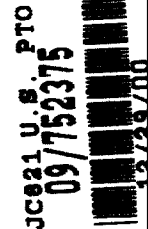
To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Futoshi TANIGAWA Yoshitaka DANSUI  
Akihiro MAEDA Kohji YUASA  
Yasushi NAKAMURA  
Yoichi IZUMI

2. Name and address of receiving party(ies):

Matsushita Electric Industrial Co., Ltd.  
1006, Oaza-Kadoma, Kadoma-shi,  
Osaka 571-8501  
JAPAN



3. Nature of conveyance:

- Assignment                     Merger
- Security Agreement         Change of Name
- Other:

Execution Date: **November 21, 2000**

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 is: **November 21, 2000**

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached?  Yes  No

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

**WILLIAM W. SCHWARZE**  
**AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.**  
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6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41) Cal. 1 x \$40.00 = \$ **40.00**

- Check enclosed
- Authorized to be charged to deposit account

8. Deposit account number: **50-1017**  
(Billing No.: 210059.0365)

**DO NOT USE THIS SPACE**

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.

WILLIAM W. SCHWARZE  
Name of Person Signing

*William W. Schwarze*  
Signature

December 29, 2000  
Date

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

01/18/2001 DNGUYEN 00000029 501017 09752375

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JOINT

ASSIGNMENT

WHEREAS, we, Futoshi TANIGAWA, Akihiro MAEDA, Yasushi NAKAMURA  
Yoichi IZUMI, Yoshitaka DANSUI and Kohji YUASA  
respectively citizens of Japan, with respective post office addresses of Room A-107, 4-9-21,  
Honkugenuma, Fujisawa-shi, Kanagawa 251-0028 Japan; 5-6-407, Myokenzaka, Katano-shi,  
Osaka 576-0021 Japan; Shosen-ryo, 422, Ueki, Kamakura-shi, Kanagawa 247-0073 Japan;  
Room Nishi 2-1310, Maple Park Square, 6, Sotojimacho, Moriguchi-shi, Osaka 570-0096  
Japan; Room I-301, Hiruhaimu Shonan, 817, Ishikawa, Fujisawa-shi, Kanagawa 252-0815  
Japan and 1-13, Heiwacho, Chigasaki-shi, Kanagawa 253-0024 Japan  
hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful  
Paste type positive electrode for alkaline storage battery, and  
nickel-metal hydride storage battery  
for which we have executed a United States patent application, Application No. \_\_\_\_\_,  
filed Herewith \_\_\_\_\_, 20\_\_\_\_, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the  
Application Number and Filing date of this application if they are unknown at the time of  
execution of this Assignment.

WHEREAS, Matsushita Electric Industrial Co., Ltd., a Japanese corporation having  
a place of business at 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter  
generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent  
application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and  
valuable executed consideration, the full receipt and sufficiency of all of which are hereby  
acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS,  
hereby agree to sell, assign, transfer and convey and by these presents do sell, assign,  
transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and  
interest

in and to said invention as described in the above patent application, for the  
territory of the United States and its possessions and territories and all foreign  
countries;

in and to the above patent application and any and all related United States and  
foreign patent applications disclosing said invention, including provisionals,  
non-provisionals, divisions and continuations thereof, along with all rights of  
priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

November 21, 2000  
(Date)

*Futoshi Tanigawa* (Seal)  
Futoshi TANIGAWA

November 21, 2000  
(Date)

*Akihiro Maeda* (Seal)  
Akihiro MAEDA

November 21, 2000  
(Date)

*Yasushi Nakamura* (Seal)  
Yasushi NAKAMURA

November 21, 2000  
(Date)

*Yoichi Izumi* (Seal)  
Yoichi IZUMI

November 21, 2000  
(Date)

*Yoshitaka Dansui* (Seal)  
Yoshitaka DANSUI

November 21, 2000  
(Date)

*Kohji Yuasa* (Seal)  
Kohji YUASA

(Date)

(Seal)