

MED 03/15/99

03-29-1999

FORM PTO-1595
Rev. 6-93

RE



1 SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

XMB No. 0651-0011 (exp. 4/94)

100995957

503.36928X00

Tab settings □ □ □ ▼

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

1. Name of conveying party(ies):

Juichi ARAI, Hideaki KATAYAMA, Haruo
AKAHOSHI, Tomoe TAKAMURA, Takao IWAYANAGI

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

3. Nature of conveyance:

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

Execution Date: February 2, 1999

2. Name and address of receiving party(ies)

Name: Hitachi LTD

Internal Address: _____

Street Address: 6, Kanda Surugadai 4-Chome
Chiyoda-Ku, Tokyo Japan

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? □ Yes No

JES49 U.S. PTO
09/267671
03/15/99

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: February 2, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/267671

Additional numbers attached? □ Yes No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address: _____

Street Address: 1300 NORTH SEVENTEENTH STREET
SUITE 1800

City: ARLINGTON State: VA ZIP: 22209

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

01-2135

(Attach duplicate copy of this page if paying by deposit account)

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 I. Solomon
Name of Person Signing #28,565

William I. Solomon
Signature

March 15, 1999
Date

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

Mail documents to be recorded with required cover sheet information to
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

REEL: 9839 FRAME: 0062

03/23/1999 SEARCH 00000469967671
40.00
PATENT

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi, Ltd. of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

LITHIUM SECONDARY BATTERY, ITS ELECTROLYTE, AND ELECTRIC APPARATUS USING THE SAME

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, ~~Serial No. xxxxxxxxxxxxxxx filed xxxxxxxxxxxxxxxxxxxxxxx~~, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd.

, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.

- | | (Full Name) | (Signature) |
|--|---|--------------------------|
| 1) Date <u>February 2, 19⁹⁹</u> | Inventor <u>Juichi Arai</u> | <u>Juichi Arai</u> |
| Residence | <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> |
| Post Office Address | <u>1660-5, Kamiakutsu, Katsura-mura, Higashiibaraki-gun, Ibaraki 311-4323, Japan</u> | |
| 2) Date <u>February 2, 19⁹⁹</u> | Inventor <u>Hideaki Katayama</u> | <u>Hideaki Katayama</u> |
| Residence | <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> |
| Post Office Address | <u>Oonuma-ryo 1716, 20-1, Higashikanesawa-cho 5-chome, Hitachi-shi, Ibaraki 316-0014, Japan</u> | |
| 3) Date <u>February 2, 19⁹⁹</u> | Inventor <u>Haruo Akahoshi</u> | <u>Haruo Akahoshi</u> |
| Residence | <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> |
| Post Office Address | <u>14-31, Ishinazaka-cho 1-chome, Hitachi-shi, Ibaraki 319-1225, Japan</u> | |
| 4) Date <u>February 2, 19⁹⁹</u> | Inventor <u>Tomoe Takamura</u> | <u>Tomoe Takamura</u> |
| Residence | <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> |
| Post Office Address | <u>15-3, Nishinarusawa-cho 1-chome, Hitachi-shi, Ibaraki 316-0032, Japan</u> | |
| 5) Date <u>February 2, 19⁹⁹</u> | Inventor <u>Takao Iwayanagi</u> | <u>Takao Iwayanagi</u> |
| Residence | <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> |
| Post Office Address | <u>5-9, Nerima 2-chome, Nerima-ku, Tokyo 176-0001, Japan</u> | |

Witness(es)

All) Mari Yamagata 2) _____ 4) _____

1) _____ 3) _____ 5) _____