



04-27-2004



102730136

FORM PTO-136 (Rev. 10/02)

RECORD

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 52363-019

PATENTS ONLY

4/22/04

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies): Michiru KUBATA, Hiroyuki NAKAISHI and Nobuyuki TOKUDA

2. Name and address of receiving party(ies): Name: SUMITOMO ELECTRIC INDUSTRIES, LTD. Address: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 JAPAN

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

3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Name: THE KANSAI ELECTRIC POWER CO., INC. Address: 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8270 JAPAN

Execution Date: November 18, November 18, November 28, 2003

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

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s). 10/479,710, filed December 5, 2003

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved: 1

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

[] Enclosed [X] Authorized to be charged to deposit account

8. Deposit account number: 500417

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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.

Stephen A. Becker, 26,527

Signature

April 22, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

04/26/2004 MBETACHE 00000132 500417 10479710 01 FC:0021 40.00 DA

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Michiru KUBATA
- (2) Hiroyuki NAKAISHI
- (3) Nobuyuki TOKUDA

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUMITOMO ELECTRIC INDUSTRIES, LTD. of 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 JAPAN

THE KANSAI ELECTRIC POWER CO., INC. of 3-22, Nakanoshima 3-chome,
Kita-ku, Osaka-shi, Osaka 530-8270 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

ELECTROLYTE FOR REDOX FLOW BATTERY, AND REDOX FLOW BATTERY

- (a) for which an application for United States Letters Patent was filed on and identified by United States Serial No. _____ ; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives ; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE ;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention ; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to

ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures :

INVENTORS	DATE SIGNED
1) <u>Michiru Kubata</u> Name : Michiru KUBATA	<u>Nov. 18, 2003</u>
2) <u>Hiroyuki Nakaishi</u> Name : Hiroyuki NAKAISHI	<u>Nov. 18, 2003</u>
3) <u>Nobuyuki Tokuda</u> Name : Nobuyuki TOKUDA	<u>Nov. 28, 2003</u>