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Attorney Pocket No. 010821 <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block;"> OCT 30 2001 J048 345 </div> <div style="margin-left: 20px;"> 10-30-21 RECORD A </div>	11-02-2001  101891871	DEPT. OF COMMERCE Patent and Trademark Office												
Director of Patents and Trademarks: Please record the attached original documents or copy thereof.														
Submission type: <u>XX</u> New														
Conveyance type: <u>XX</u> Assignment ____ Security Agreement														
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 60%;">Conveying Party(ies):</th> <th style="text-align: left; width: 40%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>First party Name: TANAKA, Yasuyuki</td> <td>October 10, 2001</td> </tr> <tr> <td>Second party Name: HORIKAWA, Ken</td> <td>October 10, 2001</td> </tr> <tr> <td>Third party Name: MITA, Muneo</td> <td>October 10, 2001</td> </tr> <tr> <td>Fourth party Name: TOKUDA, Nobuyuki</td> <td>October 10, 2001</td> </tr> <tr> <td>Fifth party Name: KUBATA, Michiru</td> <td>October 10, 2001</td> </tr> </tbody> </table>			Conveying Party(ies):	Execution Date	First party Name: TANAKA, Yasuyuki	October 10, 2001	Second party Name: HORIKAWA, Ken	October 10, 2001	Third party Name: MITA, Muneo	October 10, 2001	Fourth party Name: TOKUDA, Nobuyuki	October 10, 2001	Fifth party Name: KUBATA, Michiru	October 10, 2001
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Fifth party Name: KUBATA, Michiru	October 10, 2001													
Additional name of conveying party attached? Yes ____ No <u>XX</u>														
Receiving Party: First party Name: Nippon Chemical Industrial Co., Ltd. Address: 11-1, Kameido 9-chome Koto-ku, Tokyo 136-8515 JAPAN Name: The Kansai Electric Power Co., Inc. Address: 3-22, Nakanoshima 3-chome, Kita-ku, Osaka 530-8270 JAPAN Name: Sumotomo Electric Industries, Ltd. 5-33, Kitahama 4-chome, Chuo-ku, Osaka 541-0041 JAPAN														
Additional name & address attached? Yes ____ No <u>XX</u>														
Domestic Representative Name and Address <i>(Enter for the first Receiving Party only)</i> <div style="text-align: center;"> ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 </div>														
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

1) NIPPON CHEMICAL INDUSTRIAL CO., LTD.

11-1, Kameido 9-chome, Koto-ku, Tokyo 136-8515, JAPAN

2) THE KANSAI ELECTRIC POWER CO., INC.

3-22, Nakanoshima 3-chome, Kita-ku, Osaka 530-8270 JAPAN

3) SUMOTOMO ELECTRIC INDUSTRIES, LTD.

5-33, Kitahama 4-chome, Chuo -ku, Osaka 541-0041, JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

TRIVALENT AND TETRAVALENT MIXED VANADIUM COMPOUND PRODUCING
METHOD AND VANADIUM ELECTROLYTE PRODUCING METHOD

(*If the assignment is
being filed after the filing
of the application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on July 2, 2001, Serial No. 09/896,105.

(Armstrong, Westerman, Hattori, McLeland & Naughton, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Yasuyuki Tanaka
(SIGNATURE)

Yasuyuki TANAKA
(TYPE NAME)

10/10/2001
(DATE)

Ken Horikawa
(SIGNATURE)

Ken HORIKAWA
(TYPE NAME)

10/10/2001
(DATE)

Muneo Mita
(SIGNATURE)

Muneo MITA
(TYPE NAME)

10/10/2001
(DATE)

Nobuyuki Tokuda
(SIGNATURE)

Nobuyuki TOKUDA
(TYPE NAME)

10/10/2001
(DATE)

Michiru Kubata
(SIGNATURE)

Michiru KUBATA
(TYPE NAME)

10/10/2001
(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

PATENT (DATE)