

Attorney Docket No. 030201

07-24-2003

U.S. DEPARTMENT OF COMMERCE  
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RECORDA



102504781

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Submission type: 7.18.03  New  
 Resubmission (Non-Recordation)  
 Document ID #: \_\_\_\_\_  
 Correction of PTO Error  
 Reel # \_\_\_\_\_ Frame # \_\_\_\_\_  
 Corrective Document  
 Reel # 013784 Frame # 0240

Conveyance type:  Assignment  Security Agreement  
 License  Change of name  
 Merger  Other \_\_\_\_\_

Conveying Party (ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: <b>KATAYAMA, Shiji</b>	<b>February 7, 2003</b>
Second party	Name: <b>MORI, Masaru</b>	<b>February 6, 2003</b>
Third party	Name: <b>KAMEDA, Masakazu</b>	<b>February 10, 2003</b>

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

Receiving Party (ies):

First party Name: **CHLORINE ENGINEERS CORP., LTD.**

Address: **Tomiokabashi Bldg., 6-11, Fukagawa 2-Chome, Kotoh-ku, TOKYO 135-0033 JAPAN**

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

Domestic Representative Name and Address



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PATENT TRADEMARK OFFICE

Washington, D.C. 20006

(202) 659-2930

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Correspondent Name and Address

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1725 K Street, N.W., Suite 1000  
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Pages Enter the total number of pages of the attached conveyance document: 5  
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Application Number(s) or Patent Number(s) Additional numbers attached? Yes \_\_\_ No XX

A. Patent Application No.(s)

B. Patent No.(s)

10/368,380

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_  
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

Enter PCT application number only if  
a U.S. Application Number has not been assigned

PCT \_\_\_\_\_  
PCT \_\_\_\_\_  
PCT \_\_\_\_\_

Number of Properties Enter the total number of properties involved: 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

XX Enclosed

\_\_\_ Authorized to be charged to Deposit Account No.: 01-2340

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.

Sadao Kinashi  
Name of Person Signing

  
Signature

July 18, 2003  
Date

48,075  
Registration No.

2-20-03

02-28-2003



102377590

Attorney Docket No. 030201

U.S. DEPARTMENT OF COMMERCE  
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Submission type: X New

Conveyance type: X Assignment

Conveying Party(ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: <b>KATAYAMA, Shinji</b> --SHIJI--	February 7, 2003
Second party	Name: <b>MORI, Masaru</b>	February 6, 2003
Third party	Name: <b>KAMEDA, Masakazu</b>	February 10, 2003
Fourth party	Name:	
Fifth party	Name:	

10368380

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

**Receiving Party (ies):**  
First party Name: **CHLORINE ENGINEERS CORP., LTD.**  
Address: Tomiokabashi Bldg., 6-11, Fukagawa 2-Chome,  
Kotoh-Ku, Tokyo 135-0033 Japan

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

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

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PTO  
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02/21/2003 FFAHAEIA 00000048 10368380  
01 FC:1001 750.00 OP

02/21/2003 FFAHAEIA 00000048 10368380  
40.00 OP  
02 FC:8021

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Washington, D.C. 20006

Telephone: 202-659-2930

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##            ##           

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: February 7, 2003  
(Do not recite both application and patent numbers.)

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Enter PCT application number only if PCT             
a U.S. Application Number has not been assigned PCT           

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**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00  
XX Enclosed  
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Sadao Kinashi  
Name of Person Signing

Sadao Kinashi  
Signature

February 20, 2003  
Date

48,075  
Registration No.

F38K  
(CE 10/9034-05)

### 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))

**CHLORINE ENGINEERS CORP., LTD.** of

**Tomiokabashi Bldg., 6-11, Fukagawa 2-Chome,  
Kotoh-Ku, TOKYO 135-0033 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)

**ION EXCHANGE MEMBRANE ELECTROLYZER**

(\*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:

February 20, 2003  
filed on \_\_\_\_\_, Serial No. 10/368,380

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

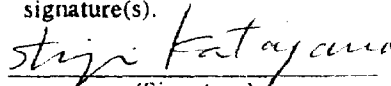
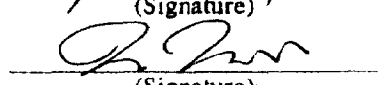
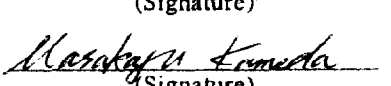
and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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)

 (Signature)	<b>Shiji KATAYAMA</b> (Type Name)	<u>2003/2/7</u> (Date)
 (Signature)	<b>Masaru MORI</b> (Type Name)	<u>2003/2/6</u> (Date)
 (Signature)	<b>Masakazu KAMEDA</b> (Type Name)	<u>2003/2/10</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED