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101129132

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

09/30/99

1. Name of conveying party(ies):
Chisako OOHARA, Terumi MATSUOKA,
Takamichi KISHI and Takako OKUNO

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

3. Nature of conveyance:

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

Execution Date: July 30, 1999

2. Name and address of receiving party(ies)

Name: CHLORINE ENGINEERS CORP., INC.

Internal Address: _____

Street Address: Tomiokabashi Bldg., 6-11

Fukagawa 2-chome, Koto-ku, Tokyo

JAPAN

City: _____ State: _____ ZIP: _____

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

15649 U.S. PAT. 09/37/505 08/16/99

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: 30 JUL 99

A. Patent Application No.(s) 09 1374505

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: George A. Loud

Internal Address: _____

Street Address: LORUSSO & LOUD

08/23/1999 FLOYD 00000009 09374505
3137 Mt. Vernon Avenue

02 FC:581 40.00 DP
City: Alexandria State: VA ZIP: 22305

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:

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

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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.

George A. Loud
Name of Person Signing

[Signature]
Signature

16 AUG 99

Date

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

ASSIGNMENT

WHEREAS, WE, (1) Chisako OOHARA, (2) Terumi MATSUOKA,
(3) Takamichi KISHI and (4) Takako OKUNO
of, ~~XXXXXXXXXX~~ C/O Chlorine Engineers Corp., Ltd. of
Tomiokabashi Bldg., 6-11, Fukagawa 2-chome, Koto-ku, Tokyo
Japan

have invented certain improvements in Method of Purification of
Salt Solutions for Electrolysis set forth in an application
for Letters Patent of the United States; and

WHEREAS, Chlorine Engineers Corp., Ltd. is
desirous of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of
One Dollar (\$1.00) and other good and valuable consideration, the
receipt of which is hereby acknowledged, we, (1)Chisako OOHARA,
(2)Terumi MATSUOKA, (3)Takamichi KISHI and (4) Takako OKUNO

by these presents do sell, assign and transfer unto said Chlorine
Engineers Corp., Ltd., its successors, legal
representatives, heirs and assigns, the full and exclusive right,
title and interest in the United States of America said application
executed on the 30th day of July, 1999, (and
we hereby authorize my attorneys, authorized to prosecute said
application, to here insert the filing date and serial number of
said application, when known: Serial No. _____

Filed _____) to all Letters Patents in the United States
which may be granted on said application, to all divisions,
continuations and continuations-in-part of said application, or
reissues or extensions of said Letters Patent, all applications for
Letters Patent and all Letters Patent therefor, to be held and
enjoyed by Chlorine Engineers Corp., Ltd. for its use and behoof
and for its legal representatives, successors, heirs, and assigns,
to the full end of the term for which said Letters Patent are
granted and any extensions thereof, as fully and entirely as the
same would have been held by us had this assignment and sale not
been made; and for the same consideration, we hereby covenant and

agree that, at the time of execution and delivery of this instrument, we hold good and full right and lawful authority to sell and convey the application for Letters Patent above mentioned in the manner herein set forth; and for the same consideration we hereby covenant and agree that we will, whenever counsel of Chlorine Engineers Corp., Ltd. or the counsel of its successors, legal representatives, heirs or assigns, shall advise that any proceeding in connection with said application for Letters Patent, or any proceeding in connection with Letters Patent in the United States, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of said Letters Patent, without charge to us, our successors, legal representatives, heirs and assigns, but at the cost and expense of Chlorine Engineers Corp., Ltd., its successors, legal representatives, heirs and assigns; and we hereby request the Commissioner of Patents to issue said Letters Patent to Chlorine Engineers Corp., Ltd. as assignee thereof.

<u>Chisako Oohara</u>	<u>Jul 30 '99</u>
Chisako OOHARA	date
<u>Terumi Matsuoaka</u>	<u>Jul. 30 '99</u>
Terumi MATSUOKA	date
<u>Takamichi Kishi</u>	<u>Jul. 30 '99</u>
Takamichi KISHI	date
<u>Takako Okuno</u>	<u>Jul, 30 '99</u>
Takako OKUNO	date
_____	date