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To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
[FAMILY NAME (ALL CAPS), Given Name]
OTSUKA, Kiyoshi
YAMANAKA, Ichiro
SUZUKI, Ken



2. Name and address of receiving party(ies)
ASAHI KASEI KABUSHIKI KAISHA
2-6, Dojimahama 1-chome
Kita-ku, Osaka-shi
Osaka 530-8205
JAPAN

Additional name(s) & address(es) attached? YES NO

Additional name(s) of conveying party(ies) attached?
 YES NO

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: September 25, 2001 and September 28, 2001, respectively.

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:

A. Patent Application No(s).
09/971,927

B. Patent No.(s).

Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP
Street Address: P.O. BOX 747
City: FALLS CHURCH State: VA ZIP: 22040-0747
Country: USA

6. Total No. of applications/patents involved: one (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

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9. Statement and signature.

Raymond C. Stewart, #21,066
Name of Person Signing/Reg. No.

Raymond C. Stewart #43575
Signature

September 10, 2003
Date

Total number of pages including cover sheet, attachments, and document: three (3)

RCS/GMD/jmb

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO.
0216-0460P

ASSIGNMENT

Application No. 09/971,927

Filed October 9, 2001

Insert Name(s) of Inventor(s) ➡

WHEREAS, Kiyoshi OTSUKA, Ichiro YAMANAKA and Ken SUZUKI

Insert Title of Invention ➡

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Organic electrolysis reactor for performing an electrolytic oxidation reaction and method for producing a chemical compound by using the same

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date of Signing of Application ➡

on September 25, 2001 and September 28, 2001; and

Insert Name of Assignee ➡

WHEREAS, ASAHI KASEI KABUSHIKI KAISHA

Insert Address of Assignee ➡

of 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 JAPAN

CHECK BOX IF APPROPRIATE ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Sept. 28 2001 , Name of Inventor 大塚 潔
(signature) Kiyoshi OTSUKA

Date Sept. 28 2001 , Name of Inventor 山中 一郎
(signature) Ichiro YAMANAKA

Date Sept. 25 2001 , Name of Inventor Ken Suzuki
(signature) Ken SUZUKI

Date _____ , Name of Inventor _____
(signature)

Date _____ , Name of Inventor _____
(signature)

Date _____ , Name of Inventor _____
(signature)