

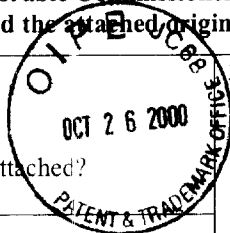


MRO

RECEIVED SHEET 101526240

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

10126.00



1. Name of conveying party(ies): **Fumio KIYONO and Takayuki SAITO**
 Additional name(s) of conveying party(ies) attached? YES NO

2. Name and address of receiving party(ies)
 Name: **Secretary of Agency of Industrial Science and Technology**
 Internal Address:
 Street Address: **3-1, Kasumigaseki 1-chome**
 City: **Chiyoda-ku** State: **Tokyo** Country: **Japan**
 Additional name(s) & address(es) attached? YES NO

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
 Date: July 31, 2000

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). **09/628,648**

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**

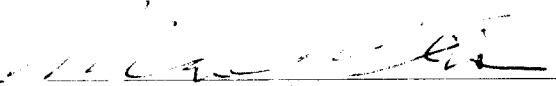
6. Total No. of applications/patents involved: one (1)

7. Total fee (37 C.F.R. § 3.41): **\$40.00**
 Enclosed
 Authorized to be charged to deposit account, **if no fee attached.**

8. Deposit account number: **02-2448**
 (Attach triplicate 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.

Marc S. Weiner, #32,181  October 26, 2000
 Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and document: **four (4)**

MSW/sh

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

Continuation of Box 2--Name and address of receiving party(ies):

Fumio Kiyono
908-301, Namiki 4-chome,
Tsukuba-shi,
Ibaraki-ken, JAPAN

Continuation of Box 4--Application number(s) or patent number(s):

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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

ASSIGNMENT

Application No. 09/628,648

Filed July 28, 2000

**Insert Name(s)
of Inventor(s)**

WHEREAS, Fumio KIYONO and Takayuki SAITO

**Insert Title
of Invention**

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
METHOD OF SEPARATING AND RECOVERING CARBON DIOXIDE FROM COMBUSTION
EXHAUSTED GAS AND APPARATUS THEREFOR

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 July 31, 2000; and

**Insert Name
of Assignee 1**

Secretary of Agency of Industrial
Science and Technology

**Insert Address
of Assignee 1**

of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, Japan

**Insert Name
of Assignee 2**

and, Fumio KIYONO

**Insert Address
of Assignee 2**

of 908-301, Namiki 4-chome, Tsukuba-shi, Ibaraki-ken, Japan

**Insert Name
of Assignee 3**

and, _____

**Insert Address
of Assignee 3**

of _____

their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are 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

**CHECK BOX
IF APPROPRIATE**

in any foreign countries,

in equal undivided amounts unless specific undivided amounts are listed below:

**OWNERSHIP
INTEREST**

Assignee 1 (75 %); Assignee 2 (25 %); Assignee 3 (____ %).

234-401P

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 do sell, assign and transfer unto said Assignees in the specific undivided amounts listed above, or if not listed above, in equal undivided amounts, 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 Assignees 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 Assignees 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 Assignees and to vest all rights therein hereby conveyed to said Assignees 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 Assignees, as Assignees 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 July 31, 2000

Name of Inventor Jumio Kiyono
(signature)

Date July 31, 2000

Name of Inventor Takayuki Saeto
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Nov. 1999