

09-26-2000



FR SHEET

A-1600

To the Honorable Commissioner
Please record the attached origin.

101471598

ATTN. BOX ASSIGNMENTS

1. Name of conveying party:

1. Toshio GOTO 2. Masaru HORI 3. Masafumi ITO 4. Nobuo ISHII
5. Satoru KAWAKAMI

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other

Execution Date: August 22, 2000

2. Name and address of receiving party:

Name: 1. Tokyo Electron Limited
2. Nagoya University

Internal Address:

Street Address: 1. 3-6, Akasaka 5-chome, Minato-ku,
Tokyo-to, Japan
2. Furo-cho, Chikusa-ku, Nagoya-shi,
Aichi-ken, Japan

City:

State:

Zip Code:

Additional name(s) & Address(es) attached?

Yes No

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:

A. Patent Application Number(s): 09/527,562

B. Patent Number(s):

Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit account number: 06-0916

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.

David W. Hill

September 18, 2000

Signature

Date

09/25/2000 GTOM11 00000183 09527562

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Total number of pages including cover sheet, attachments and documents: 4

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

GAS TREATMENT SYSTEM AND METHOD

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on March 16, 2000 Application No. 09/527,562; and

WHEREAS, Tokyo Electron Limited and Nagoya University, corporations of Japan, whose post office addresses are 3-6, Akasaka 5-chome, Minato-ku, Tokyo-to, JAPAN and Furo-cho, Chikusa-ku, Nagoya-shi, Aichi-ken, JAPAN respectively (hereinafter referred to as assignees'), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignees' are hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees', its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignees', its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees', its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignees', its successors and assigns.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT
REEL: 011099 FRAME: 0181

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/527,562, filed March 16, 2000) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Toshi GOTO
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Citizenship: JAPANESE

Signature: Toshi Goto

Date: 22 / 03 / 2000

Second Assignor

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Citizenship: JAPANESE

Signature: Masaru Horii

Date: August 22, 2000

Third Assignor

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JAPAN

Citizenship: JAPANESE

Signature: Masafumi Ito

Date: August 22, 2000

Fourth Assignor

Nobuo ISHII
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Signature: Nobuo Ishii

Date: August 22, 2000

Fifth Assignor

Satoru KAWAKAMI
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JAPAN

Citizenship: JAPANESE

Signature: Satoru Kawakami

Date: August 22, 2000