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FORM PTO-1595 (modified)
(Rev. 6-93)

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T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

100783025

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

<p>1. Name of conveying party(ies):</p> <p><u>Shinichiro KOTAKE, Kazuaki KIMURA, Eiji OCHI, Toru TAKASHINA, and Susumu OKINO</u></p> <p>Additional name(s) of conveying party(ies) attached? <u>No</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Mitsubishi Heavy Industries, Ltd.</u></p> <p>Internal Address:</p> <p>Street Address: <u>5-1, Marunouchi 2-chome, Chiyoda-ku,</u></p> <p>City: <u>Tokyo</u>, State: <u>Japan</u> ZIP:</p> <p>Additional name(s) & address(es) attached? <u>No</u></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other <input type="checkbox"/></p> <p>Execution Date: <u>April 20, 1998</u></p>	<p>Vertical stamp: JCS525 U.S. PTO 09/073349 05/06/98</p>

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: April 20, 1998

<p>A. Patent Application No.(s)</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Bernhard D. Saxe</u></p> <p>Internal Address: <u>FOLEY & LARDNER</u></p> <p>Street Address: <u>3000 K Street, N.W., Suite 500</u></p> <p>City: <u>Washington</u>, State: <u>D.C.</u> ZIP: <u>20007-5109</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R. § 3.41). <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>19-0741</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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05/12/1998 1510KES 00000001 09073349 DO NOT USE THIS SPACE

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.

<p><u>Bernhard D. Saxe</u> Name of Person Signing</p>	<p>Signature</p>	<p><u>May 6, 1998</u> Date</p>
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Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231 PATENT
REEL: 9351 FRAME: 0572

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

MITSUBISHI HEAVY INDUSTRIES, LTD.

of 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to the invention relating to

Gas-Liquid Contact Apparatus

as set forth in his United States Patent Application

_____ executed concurrently herewith
 executed on April 20, 1998
 _____ Serial No. _____ filed _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Shinichiro KOTAKE	Signature: <i>Shinichiro Kotake</i>	Date: April 20, 1998
Name: Kazuaki KIMURA	Signature: <i>Kazuaki Kimura</i>	Date: April 20, 1998
Name: Eiji OCHI	Signature: <i>Eiji Ochi</i>	Date: April 20, 1998
Name: Toru TAKASHINA	Signature: <i>Toru Takashina</i>	Date: April 20, 1998
Name: Susumu OKINO	Signature: <i>Susumu Okino</i>	Date: April 20, 1998
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: Noboru ISHII	Signature: <i>Noboru Ishii</i>	Date: April 20, 1998
Name: Toshiaki OKUBO	Signature: <i>Toshiaki Okubo</i>	Date: April 20, 1998

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

REEL: 9351 FRAME: 0573



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 080542/0129

In re ~~patent~~ application of
Shinichiro KOTAKE et al.
Serial No. 09/073,349
Filed: May 6, 1998
For: GAS-LIQUID CONTACT APPARATUS

L E T T E R

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Attached hereto is a copy of the recorded Assignment, the original Computer Print-Out entitled "NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT" as well as a copy of our Transmittal Letter, indicating payment of the required Assignment recordation fee.

The following discrepancies were noted:

The third inventor's last name is misspelled. Please delete "OCHI, EIJI" and insert --OCHI, **EIJI**--.

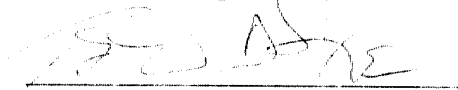
The fifth inventor's name was omitted, please insert --OKINO, **SUSUMU**--.

The name of the Assignee is incorrect. Please delete "MITSUBISHI HEVAY INDUSTRIES, LTD." and insert --MITSUBISHI **HEAVY** INDUSTRIES, LTD.--.

ATTY. DOCKET NO. 080542/0129

Applicants' respectfully request correction of the above-noted errors and that a revised copy of the computer print-out be forwarded to their undersigned attorney of record.

Respectfully submitted,



Bernhard D. Saxe
Reg. No. 28,665

July 30, 1998
Date

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