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OVER SHEET

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To the Assistant Commissioner

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original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Toshishige AI, Yoichi IWASAKI, Sunao AOKI, Yukihiro
HASHIMOTO and Kiyoshi Suenaga

2. Name and address of receiving party(ies):

Name: Mitsubishi Heavy Industries, Ltd.Street Address: 5-1, Marunouchi 2-chome,
Chivoda-ku, Tokyo, Japan

300 Rec'd PTO 11 FEB 1999

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

3. Nature of conveyance:

MRD 2-11-99

☒ Assignment
Security Agreement
OtherMerger
Change of NameExecution Date: February 1, 1999Additional name(s) & address(es) attached? 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 is: February 1, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? No

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

Name: WENDEROTH, LIND & PONACK, L.L.P.Internal Address: Attn: Mr. Nils E. PedersenStreet Address: 2033 K Street, N.W., Suite 800City: Washington, D.C. ZIP: 200066. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41). \$ 40.00☒ Enclosed [Check No. 32156]☐ Authorized to be charged to deposit account8. Deposit account number: 23-0975

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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.*Nils E. Pedersen, Reg. No. 33,145

Name of Person Signing

Signature

February 11, 1999

Date

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

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Commissioner of Patents and Trademarks
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Washington, D.C. 20231

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Toshishige AI,

Yoichi IWASAKI,

Sunao AOKI,

Yukihiro HASHIMOTO and

Kiyoshi SUENAGA

Insert Name(s)
of Assignee(s)

Mitsubishi Heavy Industries, Ltd.

Address

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

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

GAS TURBINE AIR SEPARATOR

Title of
Invention

Date of Signing
of Application

for which an application for patent in the United States has been executed by the undersigned on
February 1, 1999

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional 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 or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

4421 7/2

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 United States Patent Office for recordation of this document.

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

Date	February 1, 1999	Name of Inventor	<u>Toshishige Ai</u> Toshishige Ai
Date	February 1, 1999	Name of Inventor	<u>Yoichi Iwasaki</u> Yoichi Iwasaki
Date	February 1, 1999	Name of Inventor	<u>Sunao Aoki</u> Sunao Aoki
Date	February 1, 1999	Name of Inventor	<u>Yukihiro Hashimoto</u> Yukihiro Hashimoto
Date	February 1, 1999	Name of Inventor	<u>Kiyoshi Suenaga</u> Kiyoshi Suenaga
Date	_____	Name of Inventor	_____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Shunichi Kikawa

Witness Tatsuya Mori

ACKNOWLEDGEMENT

_____ } ss

_____ }

This _____ day of _____, 19____, before me

personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL	_____
	Official Signature

	Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____
