

11-05-1999

M-10-28-99 ASSIGNME



ER SHEET Patents Only

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Attorney Dkt. No.: 5576-111

To the Honorable Commissioner of  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
  
Ryotaro Magoshi  
Takashi Nakano  
Kouji Tanaka  
  
Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):  
  
Mitsubishi Heavy Industries, Ltd.  
1-1, Shinhama 2-chome  
Arai-cho, Takasago-shi  
Hyogo-ken, Japan  
  
Additional name(s) & address(es) attached? Yes  No



3. Nature of conveyance:  
  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_  
Execution Date: October 18, 1999

4. Application No. \_\_\_\_\_ Patent No. \_\_\_\_\_  
  
If this document is being filed together with a new application, the execution date of the application  
Is: October 18, 1999  
  
Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Stephen M. Bodenheimer, Jr.  
**ALSTON & BIRD LLP**  
P. O. Drawer 34009  
Charlotte, NC 28234-4009

6. Total number of applications and patents involved:  
  
1

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 16-0605

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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.*  
  
Stephen M. Bodenheimer, Jr., Reg. No. 28,932  
Name of Person Signing \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Total number of pages including cover sheet, attachments and document: 2

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01 FC:581 40.00 OP

PATENT  
REEL: 010353 FRAME: 0630

# ASSIGNMENT

WHEREAS:

Ryotaro MAGOSHI, Takashi NAKANO and Kouji TANAKA of c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD. 1-1, Shinhama 2-chome, Arai-cho, Takasago-shi, Hyogo-ken, Japan (all) (hereinafter referred to as ASSIGNOR), has invented and own a certain invention entitled:

LEAK REDUCING STRUCTURE IN A STEAM TURBINE

for which application for United States Letters Patent identified as \_\_\_\_\_  
\_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, and,

WHEREAS:

MITSUBISHI HEAVY INDUSTRIES, LTD. of 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan (hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this 18th day of October, 1999.

ASSIGNOR:

R. Inagoshi  
Ryotaro MAGOSHI

T. Nakano  
Takashi NAKANO

K. Tanaka  
Kouji TANAKA

Witnesses:

M. Daise

Tadaaki Kiyazaki