

09-03-2004



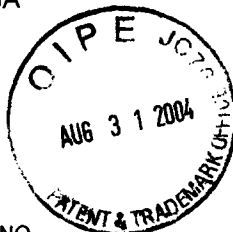
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To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document thereof.

1. Name of conveying party(ies):

Hidekazu UEHARA
Tanehiro SINOHARA
Takasi NAKANO
Sin NISHIMOTO
Takayuki KURIMURA
Yuichi HIRAKAWA
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Sin KOGA



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

Name: MITSUBISHI HEAVY INDUSTRIES, LTD.Street Address: 16-5, Konan 2-chome, Minato-ku, Tokyo
108-8215 JapanAdditional name(s) of conveying party(ies) attached? NOAdditional name(s) & address(es) attached? NO

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: July 16, 2004

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)
10/868,870, filed June 17, 2004

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.
Attn: Nils E. Pedersen, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). \$ 40.00☒ Enclosed (Check No. 63828)
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
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August 31, 2004
DateTotal number of pages including cover sheet: 3

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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)

Hidekazu UEHARA, Tanehiro SINOHARA, Takasi NAKANO,

Sin NISIMOTO, Takayuki KURIMURA, Yuichi HIRAKAWA,

Tatsuji TAKAHASHI, and Sin KOGA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s)

MITSUBISHI HEAVY INDUSTRIES, LTD.

Address

of 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 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

Title of
Invention

METHOD OF MANUFACTURING AXIS SEALS, AXIS SEALS, AXIS SEAL MEMBERS
AND ROTARY MACHINE USING AXIS SEALS

for which an application for patent in the United States has been executed by the undersigned

Date of
Signing
of Application

on July 16, 2004

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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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	<u>July 16, 2004</u>	,Name of the Inventor	<u>Hidekazu Uehara</u> Hidekazu UEHARA
Date	<u>July 16, 2004</u>	,Name of the Inventor	<u>Tanehiro Shinohara</u> Tanehiro SINOHARA
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Date	<u>July 16, 2004</u>	,Name of the Inventor	<u>Shin Nishimoto</u> Sin NISIMOTO
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Date	<u>July 16, 2004</u>	,Name of the Inventor	<u>Tatsuji Takahashi</u> Tatsuji TAKAHASHI
Date	<u>July 16, 2004</u>	,Name of the Inventor	<u>Shin Koga</u> Sin KOGA

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date June 17, 2004
Applicant Reference Number K-8 Atty Docket No. _____
Title of Invention METHOD OF MANUFACTURING AXIS SEALS, AXIS SEALS, AXIS SEAL MEMBERS
AND ROTARY MACHINE USING AXIS SEALS