

U.S. PATENT AND TRADEMARK OFFICE

ME D6-24-99

Case Docket No. <u>990489</u>	06-28-1999	MENT OF COMMERCE ent and Trademark Office T
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<u>101078668</u>		

To the Assistant Commissioner for Patents
Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Hitoshi HIROSE, Yoshio UEDA, Masakazu AKATSUKA and Norifumi TAsAKA

Additional name(s) of conveying parties attached? Yes No

2. Name and address of receiving party:

Name: MITSUBISHI HEAVY INDUSTRIES, LTD.

Street Address: 5-1, Marunouchi 2-chome
Chiyoda-ku, Tokyo 100-8315, Japan

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: Assignment

Execution Date: May 13, 1999

4. Title: APPARATUS AND METHOD FOR CONTROLLING DRAG ROLLER

5. Application number(s) or patent number(s):

A. Patent Application No.(s)

B. Patent No.(s)

09/306,404

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? Yes No

06/25/1999 DNGUYEN 00000169 09306404

01 FC:581

40.00 DP

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

Name: ARMSTRONG, WESTERMAN, HATTORI,
MCLELAND & NAUGHTON
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41). \$40.00

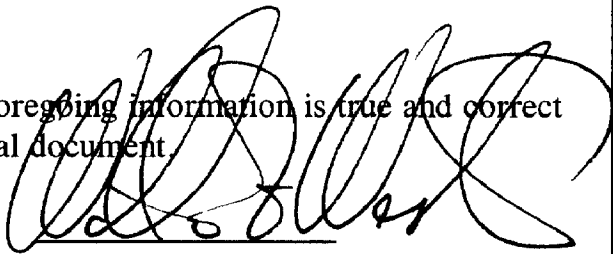
Enclosed

Authorized to be charged to Deposit Account

9. Deposit Account No.: **01-2340**

10. 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.



William F. Westeman
Name of Person Signing

Signature

June 24, 1999
Date

29,988
Registration No.

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

Rev. 2/97
WFW/llf

Armstrong, Westerman, Hattori, McLeland & Naughton

Docket No. P3340-1458-A990489

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

MITSUBISHI HEAVY INDUSTRIES, LTD.
5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315, JAPAN
(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

APPARATUS AND METHOD FOR CONTROLLING DRAG ROLLER

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on Serial No. (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Table with 3 columns: Signature, Type Name, Date. Includes entries for Hitoshi HIROSE, Yoshio UEDA, Masakazu AKATSUKA, and Norifumi TASAKA, all dated 13/05/1999.

NO LEGALIZATION REQUIRED