

Attorney Docket No. 021067



11-12-2002

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

Submission type: XX New **11-5-02**

Conveyance type: XX Assignment

Conveying Party (ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: MASUDA, Kazuhiko	September 6, 2002
Second party	Name: IWATA, Hiroshi	September 5, 2002
Third party	Name: MATSUMOTO, Masanobu	September 6, 2002
Fourth party	Name: FUJIKI, Keiichi	September 6, 2002

Additional name(s) of conveying party(ies) attached? Yes \_\_\_ No XX

**Receiving Party (ies):**

First party Name: MITSUBISHI HEAVY INDUSTRIES, LTD.  
Address: 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 Japan

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

**Domestic Representative Name and Address**



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**Correspondent Name and Address**

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**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No   
A. Patent Application No.(s) B. Patent No.(s)

10/224,589

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)** PCT \_\_\_\_\_  
Enter PCT application number only if PCT \_\_\_\_\_  
a U.S. Application Number has not been assigned PCT \_\_\_\_\_

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

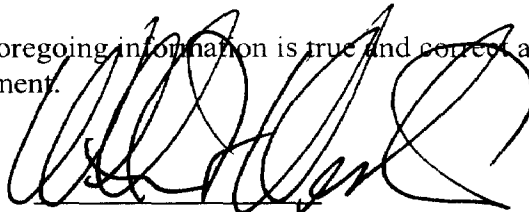
XX Enclosed

Authorized to be charged to Deposit Account No.: 01-2340

**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. Westerman  
Name of Person Signing



Signature

November 5, 2002  
Date

29,988  
Registration No.

Docket No. 021067

**Armstrong, Westerman & Hattori, LLP**

**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)

**FORMER FOR USE IN PAPER PRODUCTION**

(\*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 August 21, 2002 Serial No. 10/224,589

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the serial 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)

<u>Kazuhiko Masuda</u> (Signature)	<u>Kazuhiko MASUDA</u> (Type Name)	<u>06/09/2002</u> (Date)
<u>Hiroshi Iwata</u> (Signature)	<u>Hiroshi IWATA</u> (Type Name)	<u>05/09/2002</u> (Date)
<u>Masanobu Matsumoto</u> (Signature)	<u>Masanobu MATSUMOTO</u> (Type Name)	<u>06/09/2002</u> (Date)
<u>Keiichi Fujiki</u> (Signature)	<u>Keiichi FUJIKI</u> (Type Name)	<u>06/04/2002</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED