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To: Hon. Commissioner of Patents and Trademarks: Please record the attached original document or copy:

1. Name of conveying party(ies):
Kazuya KURIYAMA, Takayuki FURUKOSHI, and
Youichi YASUE

2. Name and address of receiving party(ies):
Name: Komatsu, Ltd.
Street Address: 3-6, Akasaka 2-chome, Minato-ken.,
Tokyo 107-0052, JAPAN
City: _____ State: _____ ZIP: _____

Additional names? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: November 2, 1998

Additional names & addresses attached? Yes No

4. Application number(s) or patent number(s): _____ Attorney Docket No.: M1866-18

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

A. Patent Serial No.(s): 09/160,665 B. Patent No.(s): _____
Filing Date: September 25, 1998 Issue Date: _____

Additional numbers attached? Yes No

5. Name and address of party to whom
correspondence should be mailed:
Name: Thomas R. Morrison, Esq.
Internal Address: Morrison Law Firm
Street Address: 145 North Fifth Avenue
City: Mount Vernon State: N.Y. ZIP: 10550

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. Charge any additional fees in connection with
this submission to our Deposit Account No. 13-4550.

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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.

Thomas R. Morrison [Signature] 12/7/98
Name of Person Signing Signature Date
Reg. No. 27,361

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

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

**Kazuya KURIYAMA, Takayuki FURUKOSHI, Youichi YASUE,
all residents of Osaka, Japan**

hereby sell, assign, and transfer to **Komatsu, Ltd.**

a corporation of **Japan**,

having a place of business at **3-6, Akasaka 2-chome, Minato-ken,
Tokyo 107-0052, JAPAN**

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, including the right to claim priority, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which:

_____ has been executed by the undersigned concurrently herewith,

X was filed on September 25, 1998 as Application Serial No. 09/160,665,

Attorney Docket No. M1866-18, and is entitled:

**WELDING PROCESS FOR Ti MATERIAL AND Cu MATERIAL,
AND A BACKING PLATE FOR A SPUTTERING TARGET**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements, together with the right to sue for past damages, if any;

Agree(s) that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned

relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant(s) with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned declare(s) further that all statements made herein of his/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this assignment, patent or patent application and any patent issuing thereon.

Kazuya Kuriyama
Kazuya KURIYAMA (Signature)

NOV. 2, 1998
Date

Takayuki Furukoshi
Takayuki FURUKOSHI (Signature)

Nov. 2, 1998
Date

Youichi Yasue
Youichi YASUE (Signature)

Nov. 2, 1998
Date