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102170000 KSB-0010 Patent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) 7-18-02 1. KOMATSU LTD. (1) Ryoichi TOGASHI : 3-6, Akasaka 2-chome, Minato-ku (2) Mitsunobu YAMADA **TOKYO 107-8414 JAPAN** Additional name(s) of conveying party(ies) attached No. ☐ Yes Additional name(s) & address(es) attached 3. Nature of conveyance: ☐ Merger ■ Assignment ☐ Change of Name ☐ Security Agreement **Execution Date:** (1) 06/27/02 (2) 06/27/02 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application 1) 6/27/02 2) 06/27/02 6. Total number of applications and patents involved:..... 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 Ronald P. Kananen, Esq. Name: Internal Address: RADER, FISHMAN & GRAUER Enclosed Suite 501 ☑Authorized to be charged to Deposit Account 1233 20th Street, NW Street Address: 8. Deposit account number: 18-0013 Zip: 20036 City: Washington, D.C. (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. July 18, 2002 Ronald P. Kananen Signature Date Name of Person Signing Total number of pages comprising cover sheet

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> PATENT REEL: 013114 FRAME: 0141

RADER FISHMAN GRA	AUER.	PLLC
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Docket No.	

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)]

[Title of Invention]

[*If the assignment is being filed after the filing of the application, this section must be completed] KOMATSU LTD.

3-6, Akasaka 2-chome, Minato-ku, TOKYO 107-8414 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

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

*filed on , Serial No.

(Rader, Fishman & Grauer, PLLC 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, division, renewal, 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 application and any continuing, 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, division, 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).

[Signature(s) of Assignor(s)]

RECORDED: 07/18/2002

Ryoichi TOGASHI	Ryoichi TOGASHI	June. 27. 2002
(SIGNATURE)	(TYPE NAME)	(DATE)
Ryoichi TOGASHI (SIGNATURE) Mitsunoby Yamada (SIGNATURE)	Mitsunobu YAMADA (TYPE NAME)	June 27. 2002 (DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 013114 FRAME: 0142