FORM PTO-1595 (Rev. 6-93)

To the Commissioner for Patents

03-19-2008

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103490372

DEPARTMENT OF COMMERCE
Patent and Trademark Office

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torney Docket No.: 47260-5097-00-US IENT RECORDATION SERVICES

Please record the attached original do 103490372	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
(1) Ban KAZUNORI (2) Katsutoshi TAKIZAWA (3) Gang SHEN  Additional names of conveying party(ies) attached?  ☐ Yes ☑ No	Name: FANUC LTD  Address: 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597 Japan
3. Nature of conveyance:	
M Assistance — — — — — — — — — — — — — — — — — — —	Additional name(s) & address(es) attached?
	☐ Yes     No
Other	
Execution Date: (1-3) February 4, 2008	
<ul> <li>4. New Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new applicat</li> <li>A. Patent Application No.(s) 12/068,113</li> <li>Additional numbers attached: Yes No</li> </ul>	B. Patent No.(s)
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	ara parente inverteur.
Name: Ronald L. Grudziecki	7. Total fee (37 C.F.R. §3.41): \$40.00
	<ul> <li>✓ Enclosed</li> </ul>
Internal Address: DRINKER BIDDLE & REATH LLP Customer No. 55694	Authorized to be charged to Deposit Account 50-0573
Street Address: 1500 K. Street, N.W., Suite 1100	8. Deposit Account No. 50-0573
City: Washington State: D.C. Zip: 20005-1209	(Attach duplicate page if paying by deposit account)
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.	
Inform C. Killian D. N. 50 001	March 13 2008
Jeffrey G. Killian, Reg. No. 50,891 Name of Person Signing Signatur	March 13, 2008 Date
Total number of	,

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**RECORDED: 03/13/2008** 

## 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 FANUC LTD Name (s) Address(es)) 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597, 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) CALIBTRATION DEVICE AND METHOD FOR ROBOT MECHANISM relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: Assignee's attoney is hereby authorized to insert in (b) the specified data, when known Insert date of (a) executed on execution of application, if 2008 (b) filed on February 1 not concurrent) Serial No. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Kazunori Ban (Signatures) February 4, 2008 (TYPE NAME) Katsutoshi Takizawa February 4, 2008 (TYPE NAME) (DATE) Gang Shen February 4, 2008 (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

> PATENT REEL: 020677 FRAME: 0767