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Attorney Docket No.: 47260-5016

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Street Address: 3580, Shibokusa Aza-Komanba, Additional names of conveying party(ies) attached? Oshina-mura, Minamitsuru-gun, ☐ Yes ⊠ No

Yamanashi 401-0597 JAPAN

3.	Nature of conveyance:	Additional name(s) & address(es) attached?
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4.	New Application n	number(s)	or patent number(s):	NEW APPLICATION

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

November 15, 2005

A.	Patent Application I	No.(s)	В.
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Patent No.(s)

Additional numbers attached: Yes No

Execution Date: (1)-(2) November 15, 2005

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

Total number of applications and patents involved: 1

Ronald L. Grudziecki Name:

Internal Address: DRINKER BIDDLE & REATH LLP

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PATENT REEL: 017397 FRAME: 0149

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	FANUC LTD					
ASSIGNEE's Name(s)	3580, Shibokusa Aza	3580, Shibokusa Aza-komanba, Oshino-mura, Minamitsuru-gun,				
Address(es))	Yamanashi 401-0597, Japan					
	(hereinafter "ASSIGNEE"), the receipt o			gns and		
(Title of Invention)	ROTARY SHAFT CONTRO	L APPARATUS				
	relating to International Patent Application of the United States was executed on every content of the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States where the United States was every content of the United States was every content of the United States was every content of the		and/or for which application for Letter , was:	s Patent		
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of execution of application,	(b) filed on	,) is here	by authorized to insert in (b) the specified	_		
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	IN WITNESS WHEREOF, the	e undersigned inventor(s) has (have)	affixed his/her/their signature(s).			
(Signatures)	Mitsynhi Tanguchi (SIGNATURE)	Mitsuyuki Taniguchi (TYPE NAME)	November 15, 2005 (DATE)			
	2) Keisike Umai (SIGNATURE)	Keisuke Imai (TYPE NAME)	November 15, 2005 (DATE)			
	3)(SIGNATURE)	(TYPE NAME)	(DATE)			

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