. DEPARTMENT OF COMMERCE O

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FORM PTO-1595

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aas & Halsey LLP	Patent and Trademark Office PATENTS ONLY			
	and Trademarks: Ple	ease record the attached original documents or copy thereof.	w S ■	
Name of conveying party(ies 1) Yoshiki HASHIMOT	,	Nobuo CHINO	10/36 10/36	
Name and Address of receiving party(ies):				

1. To th	Name of conveying party(ies): 1) Yoshiki HASHIMOTO 2) Nobuo CHINO						
1.	1) Yoshiki HASHIMOTO 2) Nobuo CHINO						
	2, 110540 0111110						
2.	Name and Address of receiving party(ies):						
	FANUC LTD.						
	3580, Shibokusa, Aza-Komanba						
	Oshino-mura, Minamitsuru-gun						
	Yamanashi 401-0597 Japan						
3.	Nature of conveyance:						
	X Assignment Merger						
	Security Agreement Change of Name						
	Other:						
	Execution Date(s): January 27, 2003						
(a)	Application number(s) or patent number(s):						
	This document is being filed together with a new application:						
	(b) The title is:CONTROLLER OR						
	☐ This document is being filed after filing of the application:						
	(a) Patent Application No(s)/, filed; or						
	(b) Patent No(s). , issued						
	Name and address of party to whom correspondence concerning document should be mailed:						
	STAAS & HALSEY LLP Our Docket: 392,1776						
	Attention: James D. Halsey, Jr.						
	700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001						
	Washington, D.C. 20001 1056 3 7						
6.	Total number of applications and patents involved:1						
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment)						
	X Enclosed						
	Authorized to be charged to deposit account.						
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Accou						
	(Attach duplicate copy of this 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.						
læ:	D. Halany, In. Box No. 22 720						
<u>James</u>	s D. Halsey, Jr., Reg. No. 22,729 / V February 18, 2003 of Person Signing Signature Date						
INALLIE	of Person Signing Signature Date						
	Total number of pages including cover shee						
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IN CONSIDERATION of the sum of One Do undersigned inventor(s) (hereinafter, "ASSIGNOR"		1.00}, and of other go	od and valuable consideration paid to the
(Insert Name(s) & Address(es) of ASSIGNEE(S))			•
FA	NUC	LTD.	
3580, Shibokusa,	Aza	-komanba, Osl	nino-mura,
Minamitsuru-gun,	Yam	anashi, 401-0	0597 Japan
(hereinafter, "ASSIGNEE"), the receipt of which is and transfers to ASSIGNEE the entire and exclusion	s hereb ive righ	y acknowledged, the ur t, title and interest to th	ndersigned ASSIGNOR hereby sells, assign: e invention entitled
(Title of Invention)		v	
CONTRO	LLER		
relating to International Patent Application PCT/JP States was executed on even date herewith or, if			h application for Letters Patent of the United
(a) executed on	;	(Insert date of executi	on of application, if not concurrent)
(b) filed on		Any registered attorne	ry of STAAS & HALSEY, 700 Eleventh
Serial No/;		Street, N.W., Washing	oton, D.C. 20001 (202/434-1500) is ensert in (b) the specified data, when
and to said application and all Letters Patent(s) of trenewal, substitute, reissue or reexamination appl Patent(s) may be granted and including any externation appl Patent(s)"). The ASSIGNOR agree(s), when requested by sto do all acts which the ASSIGNEE may deem in protection for said invention, including in the prepa Patent(s), in any interference, reissue, reexamination.	lication ensions aid AS: ecessa ration :	based thereon, for the thereof (collectively, but the source of the sour	full term or terms for which the said Letter nereinafter, "said application(s) and Letter rge to but at the expense of said ASSIGNEE nt, for securing, maintaining and enforcing pplication(s) and the issuance of said Letter and in any litigation or other legal proceeding
which may arise or be declared in relation to same separate assignments and declarations, taking all evidence.			
IN WITNESS WHEREOF, the undersigned inve	ntar(s)	has (have) affixed his/h	er/their signature(s).
(Typed Name & Signature of Inventor(s))		(Date)	(Typed Name & Signature of Witness(es,
1) Joshiki Hashimoto Joshiki HASHIMOTO		nuary 27, 2003	Janum Gnon' Harumi OMORI
21 <u>holwo Chino</u> Nobuo CHINO	Ja	nuary 27, 2003	Harumi OMORI Danumi Omori Harumi OMORI
3}			
4}			
5}			
6)			

RECORDED: 02/20/2003

PATENT REEL: 013784 FRAME: 0393