PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date	
Masaru ODA	10/21/2009	
Toru SHIRAHATA	10/21/2009	
Toshihiko INOUE	10/21/2009	
Takatoshi IWAYAMA	10/21/2009	
Masaaki UEMATSU	10/21/2009	
Kentarou OOTANI	11/20/2009	

RECEIVING PARTY DATA

Name:	FANUC LTD		
Street Address:	3580, Shibokusa Aza-Komanba, Oshino-mura		
City:	Minamitsuru-gun, Yamanashi		
State/Country:	JAPAN		
Postal Code:	401-0597		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12571567	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 47260-5119 (443667)

PATENT

REEL: 023585 FRAME: 0706

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NAME OF SUBMITTER:	Jeffrey G. Killian		
Total Attachments: 2 source=47260_5119assignment_2009120 source=47260_5119assignment_2009120	. •		

PATENT REEL: 023585 FRAME: 0707

U.S. ASSIGNMENT

<i>(</i> ~	IN CONSIDERATION of the sum of On undersigned inventor(s) (hereinafter "AS	e Dollar (\$1.00), and of other good and va SIGNOR") by	luable consideration paid to the
(Insert ASSIGNEE's Name(s) Address(es))	FANUC LTD		
	3580, Shibokusa Aza-Komanba,	Oshino-mura, Minamitsuru-gun, Ya	manashi 401-0597, Japan
	(hereinafter "ASSIGNEE"), the receipt of w transfers to ASSIGNEE the entire and exclu	which is hereby acknowledged, the undersign sive right, title and interest to the inve	ed ASSIGNOR hereby sells, assigns and nation entitled
(Title of Invention)	WORKPIECE TRANSFER	ROBOT SYSTEM	
	relating to International Patent Application for Letters Patent of the United States was	n PCT/JP / executed on even date herewith or, if not	and/or for which application so executed, was:
nsert date of ecution of plication, if t concurrent)	(a) executed on; (b) filed on October 1, 2009 Serial No,	Assignee's attoney is hereby author specified data, when known	ized to insert in (b) the
c p s c c	and to said application and all Letters Pater division, renewal, substitute, reissue or ree the said Letters Patent(s) may be granted and application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested he all acts which the ASSIGNEE may deem necessorotection for said invention, including in the said Letters Patent(s), in any interference, where legal proceeding which may arise or be executing all papers, including separate assigness timony, and obtaining and producing evidences.	y said ASSIGNEE and without charge to but sary, desirable or expedient, for securing he preparation and prosecution of said app reissue, reexamination, or public use proof declared in relation to same, such acts to	at the expense of said ASSIGNEE, to maintaining and enforcing lication(s) and the issuance of
	IN WITNESS WHEREOF, the undersigned invent	cor(s) has (have) affixed his/her/their sig	nature(s).
natures)	1) 1/ CAACORU GOLA (SIGNATURE)	Masaru Oda	October 21, 2009
	_	(TYPE NAME)	(DATE)
2	Son Shrafata (SIGNATURE)	Toru Shirahata (TYPE NAME)	October 21, 2009
3	1 / 11 / A	Toshihiko Inoue	October 21, 2009
	(525)	(TYPE NAME)	(DATE)
4)	Jakatoshi /wayama	Takatoshi Iwayama	0.5
	Takatoshi Twayama (SIGNATURE) Masaaki Ulmatsu	(TYPE NAME)	October 21, 2009
5)	marcali Usanton	Masaaki Uematsu	
	(SIGNATURE)	(TYPE NAME)	October 21, 2009
۵)		(TI D ITEMSE)	(DATE)
6)	(SIGNATURE)	Ootani Kentarou	
7)	(STOMATOKE)	(TYPE NAME)	(DATE)
1)	(SIGNATURE)	(miles in the control of the control	
	. Grown one,	(TYPE NAME)	(DATE)
8)			
	(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 023585 FRAME: 0708

U.S. ASSIGNMENT

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(Inseri ASSIGNEE' Nome (5) Address (c		FANUC	LTD					
		3580, 3	Shibokusa Aza-Komanba,	Oshino mura,	Minamitsuru-gun,	Yamanashi	401-0597,	Japan
								
		(hereinsfror	'ASSIGNEE'), the receipt of assignee the entire and exclusion	which is hereby as usive right, title	cknowledged, the underse and interest to the i	igned ASSIGNO	M hereby sol	ls, sesigns an
(Title of Invention)	•	WORKP	IECE TRANSFER	ROBOT SY	STEM			.
	1	eleting to Int or Letters Pat	ernational Patent Application ent of the United States was	n PCT/JP executed on even	date herewith or, if n	ond/ of so exacute	or for which	spplication
Insert date execution of application, not concurren	-	(a) executed on OS Sorial No.	tober 1, 2009 12 571,567	Assignee's at specified det	ctoney is hareby auti s, when known	horized to i	insert in (l	b) the
•	do pro sai	The ASSIGNO will acts which tection for an d Latters Pate er legal proces muting all pape timony, and obt	I. SUBSTITUTE. Televie or rec Patent(s) may be granted and ad Letters Petent(s)"). Regres(s), when requested by the ASSIGNEE may deem necess and invention, including in the net(s), in any interference, re- eding which may arise or be deem pars, including separate washs caining and producing evidence incop, the underwigned inventi-	y said ASSIGNEE m very, desirable on the preparation and elasue, reexamina eclared in relation meents and declared.	nd without charge to by respective, for securi i prosecution of said a stion, or public use pri on to same, such ets ations, taking all righ	of at the expansion and interior (s) polication (s) possessing, and to include buntful caths,	ense of said ing and enfor	ASSIGNEE to
Signatures)	1)		·		Maseru Oda			_
			(SICNATURE)		(TYPE NAME)		(DATE)	·
	2)		•	3	Toru Shirabata			
	•		(SIGNATURE)		(TYPE NAME)		(DATE)	
	3)	•	No.	To	shihiko Inoue			
	_		(SIGNATURE)		(TYPE NAME)	<u> </u>	(DATE)	
	Ø			tal	atoshi Iwayama			
	_		(SIGNATURE)	100	(TYPE NAME)		· /0	
	5)						(DATE)	
	" -		(SIGNATURE)	Ma.	saaki Uematsu			
	-1	12 .			(TYPE NAME)		COATE	,
	6) 	nenta	(SUMATURE)	Ker	tarou OOTANI	' Novemi	ber 20,	2009
			COTOMOTORE		(TYPE NAME)		(DATE)	<u> </u>
	7)							
			(SIGNATURE)		(TYPE NAME)		(DATE)	
8	" <u> </u>							
			(SIGNATURE)		(TYPE NAKE)		(DATE)	

PATENT REEL: 023585 FRAME: 0709

RECORDED: 12/01/2009