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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI YAMAZAKI	09/05/2014

RECEIVING PARTY DATA

Name:	FANUC CORPORATION
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Postal Code:	401-0597

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14532697

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ATTORNEY DOCKET NUMBER:	4639-363
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN
SIGNATURE:	/Benjamin J. Hauptman/
DATE SIGNED:	11/04/2014

Total Attachments: 1

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PATENT REEL: 034102 FRAME: 0062

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 CORPORATION	FANUC CORPORATION				
lSSIGNEE's lame(s) lddress(es))	3580, Shibbkusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597					
,	Japan					
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	Encell And Annual Control of the Con	and the second s	4-14-14-14-14-14-14-14-14-14-14-14-14-14	N.		
	(hereinafter "ASSIONEE"), the receipt of transfers to ASSIGNEE the entire and ex	which is hereby acknowledged, the colusive right, title and interest to the	andersigned ASSIGNOR hereby sells, assigns e invention entitled	and		
Title of nvention)	APPARATUS AND METHOD FOR PICKING UP ARTICLE RANDOMLY					
	PILED USING ROBOT		,			
	relating to International Patent Applicati of the United States was executed on ev	on PCT/JP	and/or for which application for Letters P. id, was:	atent		
Insert date of execution	(a) executed on	Assignee's alterney is no	reby authorized to insert in (b) the specified			
of application, f not concurrent)	(b) filed on	, data, when known.				
,	renewal, substitute, reissue or reexamin Patent(s) may be granted and including Patent(s)").	ation application based thereon, for any extensions thereof (collectively,	on said application and any continuation, di the full term or terms for which the said Lett hereinafter, "said application(s) and Letters	vision, ers		
	ASSIGNEE, to do all acts which the ASS enforcing protection for said invention, it said Latters Patent(s), in any interference properties which may arise or he deplay	IGNEE may deem necessary, desiral neluding in the preparation and pro- e, reissue, reexamination, or public ed in relation to some, such acts to	without charge to but at the expense of said tale or expedient, for securing, maintaining an secution of said application(s) and the issuar use proceeding, and in any litigation or other include but not be limited to executing all pa providing sworn testimony, and obtaining and	ice of legal pers.		
	• •	undersigned inventor(s) has (have) a	ilixed his/her/their signature(s).			
Signatures)	11 Tokoski Yamazaki	Takashi Yamazaki	September 5. 2014			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	2)(SIGNATURE)	(TYPE NAME)	(DATE)			
•	3)(SIGNATURE)	(TYPE NAME)	(DATE)			
	4)					
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	5)(SIONATURE)	(TYPE NAME)	(DATE)			
	6](SIGNATURE)	(TYPE NAME)	(DATE)			
	7)(SIGNATURE)	(TYPE NAME)	[DATE]			
	8)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(IIIA NAMA)	(Frur v.p.)			

PATENT REEL: 034102 FRAME: 0063

RECORDED: 11/04/2014