## 505012667 07/20/2018

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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MASATOMO SHIROUZU	05/02/2018
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16038200

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NAME OF SUBMITTER: BENJAMIN J. HAUPTMAN

SIGNATURE: /Benjamin J. Hauptman/

DATE SIGNED: 07/20/2018

**Total Attachments: 1** 

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PATENT REEL: 046409 FRAME: 0590

# 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  3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun,					
ASSIGNEE's Name(s) Address(es))						
	Yamanashi 401-0597, Japan					
	(hereinafter "ASSIGNEE"), the receipt of witransfers to ASSIGNEE the entire and excl	nich is hereby acknowledged, the usive right, title and interest to the	undersigned ASSIGNOR hereby sells, assig e invention entitled	gns and		
(Title of Invention)	REACTOR HAVING END	PLATE AND PEDES	TAL	<u> </u>		
	relating to International Patent Application of the United States was executed on even	n PCT/JP	and/or for which application for Letter	s Patent		
(Insert date of execution	(a) executed on	: Assignee's attorney is he	reby authorized to insert in (b) the specified			
of application, if not	(b) filed on/_					
concurrent)						
	and to said application and all Letters Pat renewal, substitute, reissue or reexaminat Patent(s) may be granted and including ar Patent(s)").	tion application based thereon, for	the full term or terms for which the said i	Letters		
	The ASSIGNOR agree(s), when a ASSIGNEE, to do all acts which the ASSIG enforcing protection for said invention, integrated letters Patent(s), in any interference, proceeding which may arise or be declared including separate assignments and declar producing evidence.	MEE may deem necessary, desiral cluding in the preparation and pro- reissue, reexamination, or public if in relation to same, such acts to i	secution of said application(s) and the issu use proceeding, and in any litigation er ot include but not be limited to executing all	and uance of her legal papers,		
	IN WITNESS WHEREOF, the u	ndersigned inventor(s) has (have) a	ffixed his/her/their signature(s).			
(Signatures)	1) Tomotazu Yoshida (SIGNATURE) 2) Masatomo Shirouzu (SIGNATURE)	Tomokazu Yoshida	May 2, 2018 (DATE)			
		(TYPE NAME)	(DATE)			
	2) Masatomo Shirouzu	Masatomo Shirouzu	May 2, 2018			
		(TYPE NAME)	(DATE)			
	3) Kenichi Isukada (SIGNATURE)	Kenichi Tsukada	May 2, 2018			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	4)(SIGNATURE)		•			
		(TYPE NAME)	(DATE)			
	5)(SIGNATURE)	(TYPE NAME)	(DATE)			
	6)					
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	7)(SIGNATURE)	(TYPE NAME)	(DATE)			
	8)	(Part 1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IN A TICH			
	(SIGNATURE)	(TYPE NAME)	(DATE)			

PATENT REEL: 046409 FRAME: 0591

**RECORDED: 07/20/2018**