PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
TETSUO ORITA	09/08/2016
YUUKI MURANAKA	09/08/2016
SHIGEMORI SUZUKI	09/08/2016

RECEIVING PARTY DATA

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City:	TOKYO		
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15304537	

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ATTORNEY DOCKET NUMBER: 1451345.625US9		
NAME OF SUBMITTER:	OF SUBMITTER: JAMES E. ARMSTRONG, IV	
SIGNATURE: /James E. Armstrong, IV/		
DATE SIGNED:	10/18/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 1

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PATENT REEL: 040046 FRAME: 0390 504055251

PX0A 1-403- V2

U.S. ASSIGNMENT

inventor(s) (hereinaft		ar (\$1.00), a	nd of other good and valuable o	onsideration paid to the undersigned
KOMATSU LTD				
	Minato-ku, Tokyo 10	7-8414 Ja		
	IEE"), the receipt of which is and exclusive right, title and in			OR hereby sells, assigns and transfers to
HYDRAULIC SI	ERVO DEVICE AND	TURBOCI	HARGER	
	Patent Application PCT/JF herewith or, if not so executed		79 and/or for which application fo	r Letters Patent of the United States was
(a) executed on _		;	(Insert date of execution of applic	cation, if not concurrent)
(b) filed on	//	· · · · · · · · · · · · · · · · · · ·	Assignee's attorney is hereby data, when known.	authorized to insert in (b) the specified
substitute, reissue or rec	examination application based	thereon, for t	s granted on said application and at he full term or terms for which the s oplication(s) and Letters Patent(s)")	aid Letters Patent(s) may be granted and
which the ASSIGNEE including in the prepara reexamination, or public acts to include but not be	may deem necessary, desirable ation and prosecution of said a c use proceeding, and in any l	le or expedien application(s) itigation or others, including	t, for securing, maintaining and enf and the issuance of said Letters Pat ner legal proceeding which may aris	pense of said ASSIGNEE, to do all acts forcing protection for said invention, tent(s), in any interference, reissue, to be declared in relation to same, such tons, taking all rightful oaths, providing
IN WITNESS WHE	EREOF, the undersigned inver	ntor(s) has (ha	ve) affixed his/her/their signature(s	•
1) <u>Letru</u>	Orita		Tetsuo ORITA	9.8.2016
1	(Signature)		(Type Name)	(Date)
	Muranaka		Yuuki MURANAKA	9. 8. 2016 (Date)
91 -	(Signature)		(Type Name)	(Date)
3) <u>()higemori</u>	Suzuki (Signature)		Shigemori SUZUKI (Type Name)	9, 8, 2016 (Date)
4)				
	(Signature)		(Type Name)	(Date)
	(Signature)		(Type Name)	(Date)
6)	(Signature)		(Type Name)	(Date)

RECORDED: 10/18/2016