505598951 07/31/2019

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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MASAHIKO OTSUKA	05/27/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16482410

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SIGNATURE:	/Daniel B. Moon/
DATE SIGNED:	07/31/2019

Total Attachments: 1

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PATENT 505598951

REEL: 049917 FRAME: 0976

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	ASAHI KASEI KABUSHIKI K	AISHA		
ASSIGNEE's Name(s) Address(es))	1-1-2 Yurakucho, Chiyoda-l	oan		
		,		
	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and ex DISSIMILAR METAL JOIN	xclusive right, title and interest to t		and
		SIUM ALLOY LAYER	E-RETARDANT	
(Title of Invention)		JOHN MEDOT ENTER		
	relating to International Patent Applicat United States was executed on even date		nd/or for which application for Letters Patent c as:	of the
(Insert date	(a) executed on	: Assignee's attorney is i	nereby authorized to insert in (b) the specified	
of execution of application, if not	(b) filed on		to the specifical	
concurrent)	Serial No/	;		
	renewal, substitute, reissue or reexamin	nation application based thereon, fo	d on said application and any continuation, div or the full term or terms for which the said Lette, hereinafter, "said application(s) and Letters	
	ASSIGNEE, to do all acts which the ASS enforcing protection for said invention, i said Letters Patent(s), in any interference proceeding which may arise or be declar	SIGNEE may deem necessary, desir including in the preparation and pr ie, reissue, reexamination, or public red in relation to same, such acts to	without charge to but at the expense of said able or expedient, for securing, maintaining an osecution of said application(s) and the issuance use proceeding, and in any litigation or other of include but not be limited to executing all pap providing sworn testimony, and obtaining and	ce of legal
	IN WITNESS WHEREOF, the	undersigned inventor(s) has (have)	affixed his/her/their signature(s).	
(Signatures)	" Henry	Hiroki Keno	May 27, 2019	
,	(SIGNATURE)	(TYPE NAME)	(DATE)	
	2 M. Otsuka	 Masahiko Otsuka 	May 27, 2019	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	3)(SIGNATURE)	(TYPE NAME)	(DATE)	
	4)(SIGNATURE)	(TYPE NAME)	(DATE)	
	5)(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATORE)	(TITE IAMIN)	(ט נאט (ט נאט)	
	6)(SIGNATURE)	(TYPE NAME)	(DATE)	

(TYPE NAME)

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(DATE)

RECORDED: 07/31/2019

(SIGNATURE)