505842290 12/31/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEISHI TAKADA	12/12/2019
TETSUYA SAKUMA	12/12/2019
YASUMASA NOTAKE	12/12/2019

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16731147

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	527559US	
NAME OF SUBMITTER:	KIMBERLY ASHWELL	
SIGNATURE:	/Kimberly Ashwell/	
DATE SIGNED:	12/31/2019	

Total Attachments: 1

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PATENT REEL: 051390 FRAME: 0961

505842290

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	TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				
ASSIGNEE's Name(s) Address(es))					
			,		
·	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and e	f which is hereby acknowledged, the exclusive right, title and interest to t	e undersigned ASSIGNOR hereby sells, assigns and the invention entitled		
(Title of Invention)	ELECTROCHEMICAL REAC	TOR			
	relating to International Patent Applicat of the United States was executed on ev	tion PCT/JP/ ren date herewith or, if not so execu	and/or for which application for Letters Patent ted, was:		
(Insert date of execution	(a) executed on	Assignee's attorney is h	vereby authorized to insert in (b) the specified		
of application, if not concurrent)	(b) filed on	, data, when known.			
,	renewal, substitute, reissue or reexamin	ation application based thereon, fo	d on said application and any continuation, division, r the full term or terms for which the said Letters hereinafter, "said application(s) and Letters		
	Patent(s)").	any extensions thereof (collectively,	nerematter, "said application(s) and Letters		
	ASSIGNEE, to do all acts which the ASS enforcing protection for said invention, it and interference proceeding which may arise or be declar	IGNEE may deem necessary, desirance of the properties of the preparation and properties of public et are publiced in relation to same, such acts to the properties of the prop	without charge to but at the expense of said able or expedient, for securing, maintaining and assecution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, providing sworn testimony, and obtaining and		
	IN WITNESS WHEREOF, the	undersigned inventor(s) has (have) s	affixed his/her/their signature(s).		
(Signatures)	" Keishi Jakada	Keishi Takada	December 12, 2019		
	(SIGNATURE)	(TYPE NAME)			
	2) Jeanya Lakuma (SIGNATURE) 3) Yabumaka Notake	Tetsuya Sakuma	December 12, 2019		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	3) Johnnalla Matakee (SIGNATURE)	Yasumasa Notake (TYPE NAME)	December 12, 2019 (DATE)		
	(ordinitally)	- (III B Milite)	וטתופן		
	4)(SIGNATURE)	(TYPE NAME)	(DATE)		
	5)(SIGNATURE)				
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	6)(SIGNATURE)	(TYPE NAME)	(DATE)		
	7)				
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	8)		PATENT		
RECORDI	(SIGNATURE) ED: 12/31/2019	(TYPE NAME)	PATENT REEL: 051390 FRAME: 0962		