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Assi Dire	ector and T	ent Recordation Services RECORDATION FO	ORM COVER SHEET U.S. DEPARTMENT OF COMMERCE TS ONLY Patent and Trademark Office Attorney Docket No. 157092						
			Attorney Docket No. 15/092						
Please record the attached document. Total number of pages including cover sheet, attachments, and document: 2									
3.	A. B. □	Name of conveying parties: (1) Zempachi OGUMI (2) Kohei MIYAZAKI (3) Koji NISHIO (4) Yukinari KOTANI Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance: Assignment	2. A. Name and address of receiving parties: 1. TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571 JAPAN 2. KYOTO UNIVERSITY 36-1, YOSHIDA-HONMACHI, SAKYO-KU, KYOTO-SHI, KYOTO 606-8501 JAPAN B. Additional name(s) & address(es) attached?						
	В.	Execution Date: All May 29, 2013	□Yes ⊠No						
4.	A. C.	Additional numbers attached? ☐ Yes ☒ No C. Title of Application: AIR ELECTRODE FOR METAL-AIR BATTERY, MEMBRANE/A ASSEMBLY FOR A METAL-AIR BATTERY HAVING SUCH AIR							
		AND METAL-AIR BATT							
5.	con Na	ne and address of party to whom correspondence cerning document should be mailed: ame: James A. Oliff ddress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787 Email: email@oliff.com	 6. Total number of applications and patents involved: 1 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461. 						
9.	Jam Ros	tement and signature. the best of my knowledge and belief, the foregoing informational document. Least A. Oliff, Registration No. 27,075 and T. Noel, Registration No. 63,004 and M. Guise, Registration No. 46,748	ation is true and correct and any attached copy is a true copy of the Date: June 17, 2013						

PATENT REEL: 030640 FRAME: 0450

<u>.</u>	3		ASSIGNMENT			TEMNO	13k - US	
			(Two Assignees	s)			damer - Labita	
	Insert	(1)	Zempachi OGUMI	(2)	Kohei M	IIYAZAKI	0.00	
(1-8)	Name(s)	(3)	Koji NISHIO	(4)	Yukinar	KOTANI	2	
	of Inventor(s)	(5)		(6)			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
		(7)	W. M. J.	(8)			is a bit included in the control of	
	l valuable consideration nowledged, each under							
(9A)	Insert Name of First Assignee	(9A)	TOYOTA JIDOSHA KABUSHI	IKI KAISHA			A.67197	
(10A)	Insert Address of First	(10A	and the same of th					
(9B)	Assignee Insert Name of Second	(9B)	1, royota-ono, royota-oni, raton	1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				
(10B)	Assignee Insert Address of Second						2	
	Assignee	,	(10B) 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan					
(11)	Insert Identification such as Title, Case Number, or Foreign	(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal repreture entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in invention, and in all applications for patent including any and all provisional, non-provisional discontinuation, international, confirmation, substitute and reissue application(s), and all Letters Pate extensions, reissues and reexamination certificates that may be granted on the invention known a AIR ELECTRODE FOR METAL-AIR BATTERY, MEMBRANE/AIR ELECTRODE (11) ASSEMBLY FOR A METAL-AIR BATTERY HAVING SUCH AIR ELECTRODE.						
	Application Number		METAL-AIR BATTERY	· D/III DICI		300111111111111111111111111111111111111		
Ť			PCT/IB2011/002548					
		•	ney Docket No.)	
			ich the undersigned has (have) executate herewith or	ted an applica	tion for pa	tent in the United Stat	es of America on	
(12)	Insert Date of Signing						8. d 6. d	
	of Application	(12)	on					
(13)	Alternative Identification for	(13)	U.S. Application Number	13/8	81,931		, in the stand day	
	filed applications	filed	June 17, 2013			•	5-14-C	
applicat such into claims of reexami to issue full righ and agre identific	the separate assignments in concept and the invention of patents for the invention of patents for the invention of patents for the invention and the invention of the internation and in the invention and in the invention and in the invention and in the internation and international and inte	nnection to exec n and to to exec nal Conv to perfe- di States izes and from said herein a ding on grants r desiral	requests the Commissioner of the Udapplication(s) to the said Assigneed assigned, and that he has not execute Assignor and Assignor's heirs, succethe firm of OLIFF & BERRIDGE, PLODE in order to comply with the rules	as the Assignment with any in early way possil afform any act froperty or single necessary to a series and will not essors, assigned d, and will not essors, assigned to the power to of the United	ees may deterference ble in obtain manilar agree o obtain, nod Tradema es of the e ot execute, s and legal o insert on i States Pa	eem necessary. which may be declar inning evidence and g ay be necessary in con ments. naintain or confirm b ark Office and other in ark office and other in ary agreement(s) in ary agreement any tents assignment any atent and Trademark of	red concerning any oing forward with unection with y ressue or ssuing authorities renants that he has conflict herewith, further	
	In witness whereof, execute	ed by th	e undersigned on the date(s) oppo	site the unde	rsignea n 7 :	ame(s).	152	
Date	May 29, 2013		Inventor Signature	Jen	7 ich	liyazaki		
Date	May 29, 2013		Inventor Signature		hei t	liyazaki	(SEAL)	
Date	May 29, 2013		Inventor Signature		2)50 6	rishio	(SEAL)	
Date	May 29, 2013		Inventor Signature	- Gri	hinari	Kotani	(SEAL)	
neither,	This assignment should pref then it should be signed befor	erably be at leas	e signed before: (a) a Notary Public it two witnesses who also sign here:	if within the	U.S.A. (b) a U.S. Consul if out	side the U.S.A. If	
Date	May 29, 2013		Witness	Hein	chi	Wohama Opozaki	<u> </u>	
Date	May 29, 2013		Witness	San	æ	Okozaki		
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RECORDED: 06/17/2013