504593734 10/13/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
YOSHIKI AOKI	07/05/2017	
SHUJI TAKEDA	07/05/2017	
MIZUHO NAKAMURA	07/06/2017	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29596572	

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NAME OF SUBMITTER:	ROBERT S. KATZ
SIGNATURE:	/Robert S. Katz/
DATE SIGNED:	10/13/2017

Total Attachments: 1

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PATENT 504593734 REEL: 043863 FRAME: 0225

ASSIGNMENT

		(1)	Yoshiki AOKI	(5)		
(1-8)	Insert	(2)	Shuji TAKEDA	(6)		
	Name(s)	. ,	Shuji i AKEDA	(6)		
	of inventor(s)	(3)	Mizuho NAKAMURA	(7)		
		(4)	***************************************	(8)		
			In consideration of the sum of one	dollar (\$1.00) and other good and valuable considers	ations naid to eac	
(9)	Insert Name of	(0)		agree(s) to assign, and hereby does assign, transfer	rand set over to	
(10)	Assignee Insert Address	(9)				
. ,	of Assignee	(10)	15-1, Konan 2-chome, Minato-ku, Tokyo 1086020, Japan			
			as defined in 35 U.S.C. §100, in the provisional, non-provisional, division	nee) the entire right, title and interest for the United ne invention, and in all applications for patent incl al, continuation, substitute, and reissue application(xamination certificates that may be granted on the in	uding any and a 's), and all Letter	
(11)	Insert Identification	(11)	PORTABLE ELECTRIC N	IAILER BODY		
	of Invention such as Title, Case					
	Number, or Foreigr Application Number		(Attorney Docket No.			
			for which the undersigned has (have	executed an application for patent in the United Sta		
(12)	Insert Date of Signing of Application	(12)	on			
(13)	Alternative	(13)	U.S. application Serial Number	29/596,572		
	Identification for filed applications		filed March 9,			
application any application any application Assigned claims of reexamir States refull right therewith which medocumer	applications for the in ons and patents as the 2) The undersigned ication or continuation in every way possible 3) The undersigned reprovisions of the Inter 4) The undersigned areation a grant of a valid 5) The undersigned issulting from said app to convey the entire in 6) The undersigned ay be necessary or deat.	e Assi agree or divide in of agree ematio agree d Unit hereb dicatio aterest hereb	in, and any patent(s) issuing thereon gnees may deem necessary. (s) to execute all papers necessary in the property of the execute all papers necessary in the property of the execute all papers and documinal convention for Protection of Industrial to perform all affirmative acts when the existency authorize(s) and request(s) the Connection of the Assignee. The existency authorize(s) and request(s) the Connection to the said Assignee, as Assignee, herein assigned, and that he has (the existency grant(s) the firm of Banner & Witco et an order to comply with the rules of	ents and perform any act which may be necessary	nection with such eclared concerning cooperate with the in connection with firm by reissue of tents of the United e has (they have) ements in conflic	
			Tagn Tagn			
Date	2017.07.	05	Name of Inventor	Yoshiki AOKI	_ (SEAL)	
Date .	2017.07.0	5				
Date .	2017.07.06		Name of Inventor	Mizato Trokamon Mizuho NAKAMURA	_ (SEAL)	
Date _			Name of Inventor	PATENT	_ (SEAL)	

RECORDED: 10/13/2017 REEL: 043863 FRAME: 0226