503244885 03/31/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date	
TAKAFUMI ITOH	01/21/2015	
SHINICHI KAKEFUDA	01/21/2015	

### **RECEIVING PARTY DATA**

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City:	MINATO-KU, TOKYO		
State/Country:	JAPAN		
Postal Code:	108-6020		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	29521927		

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DATE SIGNED:	03/31/2015

**Total Attachments: 1** 

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PATENT 503244885 REEL: 035304 FRAME: 0155

## ASSIGNMENT

		(1)	Takafumi	ІТОН	(5)		
(1-8) Insert	Insert	(2)	Shinichi K	AKEFUDA			
	Name(s) of Inventor(s)	(3)	***************************************				
			In consider	ation of the sum of or	ne dollar (\$1.00) and	other good and valuable considuations and hereby does assign,	erations naid to
(9)	Insert Name of Assignee	(9)	HITACHI	KOKI CO., LTD			
(10)	Insert Address of Assignee	(10)	15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020 Japan				
			as defined in provisional, no	35 U.S.C. §100, in ti on-provisional, division	ne invention, and in a al, continuation, subst	itle and interest for the United St all applications for patent includ titute, and reissue application(s), that may be granted on the inve	ing any and all and all Letters
(11)	Insert Identification of Invention such as Title, Case	(11)	PORTABLE	E ELECTRIC HA			
•	Number, or Foreign Application Numbe		(Attorney Doc	cket No.	•		
1	•		for which the u			ion for patent in the United States	
(12)	Insert Date of Signing of Application	(12)	on <u>J</u>	anuary 21, 2	015		CHARLES SOLD TO BE SEEN SOLD TO SEE SEEN SEEN SOLD TO SEE SEEN SEEN SEEN SEEN SEEN SEEN SEEN
(13)	Alternative Identification for filed applications	(13)	U.S. application	on Serial Number			
applicat any app Assigne claims c reexami States n full right herewith dentificarecordat	ions and patents as the 2) The undersigned ilitation or continuation ie in every way possible 3) The undersigned or provisions of the Inte 4) The undersigned nation a grant of a valid 5) The undersigned esulting from said appi to convey the entire in 1. 6) The undersigned	e Assi- agree or dive in ob- agree mation agree d Unite hereb- ication terest heres	gnees may dee (s) to execute a cision thereof, totalning evidence (s) to execute a nal Convention etc.) to perform ed States paten y authorize(s) a n(s) to the said herein assigned by grant(s) the ary or desirable	m necessary.  all papers necessary in any patent or reissue e and going forward wall papers and docume for Protection of Indusiall affirmative acts with to the Assignee.  In request(s) the Corr Assignee, as Assigned, and that he has (the pain order to comply wall in order to comply wall in any papers.	n connection with any application based the application based the interference. The same perform any trial Property or similar inch may be necessarissioner of Patents as of the entire interest y have) not executed.  Witcoff, LTD the position of the L	ry to obtain, maintain or confirm to issue any and all Letters Pater, and hereby covenants that he land will not execute, any agreen wer to insert on this assignmental United States Patent and Trade	ared concerning operate with the connection with in by reissue or its of the United has (they have) ments in conflict ent any further
Date	0//2/	12	015	Name of Inventor	Jakasa Takasumi MOH	mi Stoh	(SEAL)
Date	0//2//	20	15	Name of Inventor	Shinichi KAKE	D. W. FUDA	(SEAL)
Date			······	Name of Inventor	(WEEKEN WITH WARRANGE OF THE PROPERTY OF THE P		(SEAL)
Date	, AAA PA AAA A QAAAAA AAAAA AAAAA AAAAA AAAAA AAAAA AAAA	**********		Name of Inventor	***************************************	***	(SEAL)

PATENT REEL: 035304 FRAME: 0156

**RECORDED: 03/31/2015**