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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Satoshi Yamanaka	12/26/2012
Mr. Kenjiro Desaki	12/26/2012
Mr. Hirofumi Koizumi	12/26/2012

RECEIVING PARTY DATA

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City:	Osaka	
State/Country:	JAPAN	
Postal Code:	581-0071	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13736841	

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NAME OF SUBMITTER: David N Lathrop

Total Attachments: 2

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PATENT

REEL: 029590 FRAME: 0887

P \$40.00 13/3684

ASSIGNMENT

I am an inventor of a new invention entitled

SLIDE SWITCH

by Satoshi YAMANAKA	, Kenjiro DESAKI and	l Hirofumi KOIZUMI such	invention being
described in and identified	l by		

	the	patent application filed herewith and executed on	December 26, 2012 .	
	United States application Serial Number filed on			
	international application number filed under the Patent Cooperation treaty on			
Japan, interes	here t in a	CORPORATION, whose address is 4-33, Kitaky einafter referred to as ASSIGNEE, is desirous of a and to said application and said invention, in and to each and every Patent thereon	equiring my entire right, title and any and all improvements relating	
For go	od a	nd valuable consideration, the receipt of which is a	icknowledged:	
	1. inte	I sell, assign, transfer and convey unto ASSIG rest:	NEE, my entire right, title and	
	(a) in and to said invention and application, any and all improvements relating to said invention and application, and each and every additional application filed in the United States of America, which additional application is a division, substitution, continuation or continuation-in-part of, is based on or claims priority of said application, or which additional application relates to said invention and improvements;			
	(b)	all priority rights associated with the filing of each	h and every such application, and	
	(c)	in and to each and every Patent on said invention granted, including each and every Patent that may applications referred to in sub-section (a), and in examination or extension of each and every such	be granted on any of the and to each and every reissue, re-	
		I warrant, covenant and represent the fact that nse, right or privilege in the United States of Ameraid application to any other, or in any other way en	rica with respect to said invention	
Docket	t:	- 1 -	Initials:	

PATENT REEL: 029590 FRAME: 0888 have the full right to sell, assign, transfer and convey, free of all licenses and encumbrances, the entire interest hereby assigned.

- 3. I covenant that, at the request and expense of ASSIGNEE, I will promptly execute all papers necessary or desirable to perfect ownership of said invention, applications and said each and every Patent to ASSIGNEE, and execute all oaths, declarations and other papers necessary or desirable for prosecuting said applications, for use in interference proceedings involving said invention, applications and each and every Patent, for use in opposition proceedings involving said invention, applications and each and every Patent, for refiling said applications, for filing of divisional, substitution, continuation or continuation-in-part applications deemed necessary or desirable by ASSIGNEE, for reissuance or re-examination of said each and every Patent. I further covenant and agree that, at the expense and request of ASSIGNEE, I will promptly assist ASSIGNEE in interference and opposition proceedings involving said invention, applications and each and every Patent, and in litigation involving said invention, applications and each and every Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention, applications and each and every Patent.
- 4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon me, my heirs, legal representatives and assigns.

> PATENT REEL: 029590 FRAME: 0889

Initials:

Docket:

RECORDED: 01/08/2013

- 2 -