PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4892235

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI OHARA	03/23/2018

RECEIVING PARTY DATA

Name:	ALPS ELECTRIC CO., LTD.
Street Address:	1-7, YUKIGAYA-OTSUKAMACHI, OTA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	145-8501

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15941103	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	18AS-003	
NAME OF SUBMITTER:	YOSHIE JONES	
SIGNATURE:	/Yoshie Jones/	
DATE SIGNED:	03/30/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 045394 FRAME: 0102

504845498

VERIFICATION OF TRANSLATION

I, Tadashige Itoh, a Patent Attorney of Tokyo, Japan having my office at 16th Floor, Marunouchi MY PLAZA (Meiji Yasuda Seimei Building), 1-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 Japan do solemnly and sincerely declare that the English-language translation(s) in the attached combined declaration and assignment(s) is correct, true and faithful translation(s) to the best of my knowledge and belief.

Dated March 30, 2018

Tadashige Itoh

Patent Attorney
ITOH International Patent Office
16th Floor, Marunouchi MY
PLAZA (Meiji Yasuda Seimei
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100-0005 Japan

COMBINED DECLARATION AND ASSIGNMENT

特許出願宣言書及び譲渡証

本譲渡証は、(以下、	に居所を有する、 、譲渡人)によるものであ	THIS ASSIGNMENT, by <u>Iliroshi OIIARA</u> (hereinafter referred to as "Assignor"), residing at Miyagi, JAPAN,
9 .		
譲渡人は、既に出願された、 署名される米国特許証のため 以下の発明の名称を有する	りの特許出願に記載された	WHEREAS, Assignor has made an invention entitled:
		SWITCH ,
(出願番号: 出願日:		(Application No, filed)
		set forth in a patent application for Letters Patent of the United States, either previously filed or executed concurrently herewith; and
一方、	に営業所を有する、	WHEREAS, ALPS ELECTRIC CO., LTD. (hereinafter

そのためここに、受領を確認した5ドル及び有効にして価値ある他の対価と引き換えに、譲渡人は、譲受人ならびにその承継人、法定代理人及び(更なる)譲受人に対して、上記発明及び特許証のための上記出順、及び上記特許出願の全ての直接的及び間接的な分割出順、継続出順、継続審査及び一部継続出順、それらに基づく合衆国及びにあらゆる全ての外国において付与される全ての特許証、当該特許証の再発行、再審査及び延長についての全ての権利、権原及び利益と、工業所有権保護に関する国際条約上の全ての権利とを、本譲渡が実施されなかった場合に譲渡人が保持・享受したであろう場合と完全に同様に、特許証の存続期間及び人び利益のために、またその承継人、法定代理人及び(更なる)譲受人の使用及び利益のために譲受人

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設定しており、本書面によりこれを証する。

国特許証のための上記出願、及びそこから得られる全

ての米国特許証に関する全ての権利、権原、及び利益

の取得を希望し、

_ (以下、譲受人)は、上記発明及び米

更に、同一の対価に対し、本書面の署名及び交付にあたり、譲渡人は、法律に基づき譲受人に対して発生する及び/又は既に譲受人に移転された全ての権利、権

WHEREAS, ALPS ELECTRIC CO., LTD. (hereinafter referred to as "Assignee"), having offices at 1-7, Yukigaya-otsukamachi, Ota-ku, Tokyo, 145-8501, JAPAN, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of Five Dollars (\$5.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the abovementioned invention and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations, continued prosecutions, and continuationsin-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and Assignment not been made;

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution

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譲渡人はここに、譲受人並びにその承継人、法定代理 人及び(更なる)譲受人による単独での使用及び利益 のため、上記発明及び上記発行される特許証の譲受人 として上記米国特許証を譲受人宛に発行することを、 米国特許商標庁長官に要請する。

譲渡人は本書類を米国特許商標庁へ登録するための規則に従うために必要な又は望ましい更なる特定のための情報を本譲渡証に挿入する権限を以下のものに与える:カスタマーナンバー77464に関連づけられている全ての有資格者。

譲渡人は、本発明がなされた時点において当該発明を 譲受人へ譲渡する義務があったことを認める。

私/我々は以上の証として以下の適切な欄に署名を行 う。 and delivery of these presents, except for any rights, titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to said invention and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said invention, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said invention, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said invention in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation, continued prosecutions, or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignor hereby requests that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said invention and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, I/WE have set our hand(s) in the appropriate space below.

P17-00077US00

宣言書		<u>Declaration</u>		
下記発明者である私は、以下を宣言します。		As a below named inventor, I hereby declare that:		
本宣言は、以下を対象とする:		This declaration is directed to:		
	添付の出願、あるいは 米国出願番号又はPCT 国際出願番号 として、 の日に提出された出 願.	⊠ □ filed	The attached application, or United States application or PCT international application number on	
	の出願は私自身、あるいは私が権限を授与したも よって行われたものです。		above-identified application was made or authorized to ade by me.	
	本出願に記載の発明に関する原初の発明者、ある 原初の共同発明者です。	I beli inver	eve that I am the original inventor or an original joint tor of a claimed invention in the application.	
木宣誓書において故意に虚偽の申し立てを行った場合は 18U.S.C.1001 により、罰金あるいは最高五(5)年の禁固刑、あるいはその両方による罰則の対象となることを承知しています。		I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
	本書面に必要な情報やサインは英語右欄のみに記入。 語左欄は英語原本理解のための参考情報。	siş Tl	ote: Insert the necessary information and gnature for this form in the English column only. he Japanese column is reference information to dunderstanding of the English.	
D	ate (日付):	20	/8. 3. 23	
Lo	egal Name of Inventor(発明者氏名):		Hiroshi OHARA	
Signature(発明者署名):			1. Chans	

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