507231044 04/13/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIRONORI AOKI	04/04/2022

RECEIVING PARTY DATA

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State/Country:	JAPAN
Postal Code:	352-8666

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17709735

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ATTORNEY DOCKET NUMBER:	SNK.008.0081.NP
NAME OF SUBMITTER:	ROBERT L. SCOTT
SIGNATURE:	/Robert L. Scott/
DATE SIGNED:	04/13/2022

Total Attachments: 3

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> PATENT **REEL: 059703 FRAME: 0503** 507231044



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宣言書及び譲渡証 DECLARATION AND ASSIGNMENT

本書面末尾に署名した者(以下、「発明者」という) は次の出願に係る発明を行った。 Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have invented an invention described in:

米国出願として出願されるか、若しくはPCT国際出願である添付の出願、又は、

. The attached application to be filed as a United States application or PCT international application, or

(下記日付)に出願された米国出願番号、若しくはPCT国際出願番号<u>(下記番号)</u>として出願されているものであって、次の名称を有するもの。

RLS 43102

WUnited States application or PCT international application number 17/709,735 filed on 3/31/2022; and, entitled:

(発明の名称) SEMICONDUCOTR DEVICE

上記出願に関し、各発明者は以下の如く宣言する。 Regarding that application, each of the INVENTOR(S) declares the following:

- 上記の出願は私自身、又は私が権限を授与したものによって行われた。
- THE ABOVE-IDENTIFIED APPLICATION WAS MADE OR AUTHORIZED TO BE MADE BY ME.
- 私は本出願書において記載された本来の発明者、または本来の共同発明者である。
- I BELIEVE THAT I AM THE ORIGINAL INVENTOR OR AN ORIGINAL JOINT INVENTOR OF A CLAIMED INVENTION IN THE APPLICATION.
- 本宣言書において故意に虚偽の申し立てを行った場合は18U.S.C1001により、制金あるいは、最高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理解している。
- 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.

「発明者」は適正・相当な対価を受領しており、それが十分な対価であることを認めた上で、 For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

会社名Company Name:

SANKEN ELECTRIC CO., LTD.

会社所在地Having the following business address:

3-6-3 Kitano Niiza-Shi, Saitama 352-8666 Japan

上記の営業所を有するもの(以下、「会社」という)、その承継人、及び譲受人に、上記の特許出願に記載された発明(以下、「発明」という)について仮出願又は本出願にかかわらず、同仮出願又は本出願、特許協力条約(PCT)に基づく国際出願、又は同仮出願若しくは本出願に基づく優先権を主張した出願、その分割、継続、一部継続、

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再発行、及びそれらの延長を含む全ての継続的出順、並びに、それらに対して与えられる米国で発行される全ての特許証とともに米国(その領土及び所有地を制限なく含む)における全ての権利、権原、利権を譲渡する。かかる利権とは、「会社」、その承継人、又はそれらの法的代理人の上記出顧に対する、及び、特許証が与えられたときにはそれに対する、本譲渡が行われなかった場合に「発明者」に対しての特許証が与えられ、又延長されたことにより享受し得るものと同一の期間に互る全ての所有権を意味する。

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its possessions) in and to the invention described in the patent application identified above (referred to herein as INVENTION) whether provisional or non-provisional, and together with said provisional or non-provisional patent application, all continuity applications including all patent cooperation treaty (PCT) International Applications or applications claiming priority to said provisional or non-provisional patent application, all divisions, divisionals, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

さらに、「発明者」は以下のことに同意する。 In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1.米国においてなされた「発明」に対する特許に関する全ての出願との関連において仮出願又は本出願にかかわらず、必要とされ、望ましく、合法で、且つ、適切な書面であって、上記仮出願又は本出願、及び分割、継続、一部継続、PCTに基づく国際出願、又は上記仮出願若しくは本出願に基づく優先権を主張した出願、これらの補正、並びにこれらに関する抵触若しくは冒認手続、又は、「会社」の権利を保護する為に必要な又は望ましいものを含む、全ての書面に、制限なく署名すること。
- 1.To sign and execute any further document that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States whether provisional or non-provisional, including without limitation said provisional or non-provisional application and all divisions, continuations, continuations-in-part, PCT International Applications, or application claim priority to said provisional or non-provisional application, amendment thereof, and all interference or derivation proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 2.全ての書面に署名し、優先権の主張に関連する、又は工業所有権の保護に関する国際条約若しくはこれに類似の条約或いは協定の下、合法で且つ適切な行為をすること。
- 2.To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3.「会社」に対し有効で且つ権利行使可能な特許が付与される為に必要であると認められる合法的行為を積極的に行うこと。
- To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

「発明者」の各人は、分割、総統、一部継統、又は再発行を含む上記出願に基づく如何なる、そして全ての特許証が「会社」に対して発行されるよう、米国特許商標庁長官に権限を認め、要請する。

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

本証末尾に署名した「発明者」は、各々、本証の登記にあたり米国特許商標庁の規制に従い、必要な、又は望ましい識別情報を本宣言書、及び譲渡証に挿入する権限をMETROLEX IP LAW GROUP, PLLC (Customer No. 65181、131912) に与える。

The undersigned INVENTOR(S) each hereby grants to the firm of METROLEX IP LAW GROUP, PLLC (Customer No. 65181, 131912) the power to insert into this Declaration and Assignment any further identification

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that may be necessary or desirable in order to comply with the rules of the United States Patent Trademark Office for the recordation of this document.

以上の証として、この宣言書、及び譲渡証は本証末尾に署名した各人により、各署名の左欄に記された日に署名された。

IN WITNESS WHEREOF, this Declaration and Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

2022.4.4	第一発明者の署名 1st Inventor Signature:	Hironovi aoki	
E 17 Date	氏名 Print or type Name:	Hironori AOKI	

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. 1.69 (b): The Japanese in this Declaration and Assignment is an accurate translation of the corresponding English text.

Masahiro Osaka

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RECORDED: 04/13/2022