#### 503890194 06/27/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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# **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15030375	

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**PATENT** REEL: 039018 FRAME: 0982 503890194

SIGNATURE:	/eric s hyman/				
DATE SIGNED:	06/27/2016				
	This document serves as an Oath/Declaration (37 CFR 1.63).				
Total Attachments: 4	•				
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PATENT REEL: 039018 FRAME: 0983

DECLARATION AND ASSIGNMENT FOR	Attorney Docket Number			
UTILITY OR DESIGN PATENT APPLICATION	First Named Inventor			
(37 CFR 1.63)	COMPLETE IF KNOWN			
	Application Number			
Declaration OR Declaration Submitted Submitted after Initial	Filing Date			
with Initial Filing (surcharge	Art Unit			
Filing (37 CFR 1.16(f)) required)	Examiner Name			
Transimpedance Amplifier Circuit				
	Tid - fd - L			
	(Title of the Invention)			
As a below named inventor, I hereby declare that:				
This declaration is directed to:				
☐ The attached application,				
OR				
■ United States Application Number or PCT Int	ternational Application N	Jumber PCT/JP2014/075634		
filed on Sep. 26, 2014	omanoman pphoanom			
The above-identified application was made or authorized to				
I believe I am the original inventor or an original joint invent	or of a claimed invention in	the application.		
I have reviewed and understand the contents of the above-	identified application, inclu	ding the claim(s).		
I am aware of the duty to disclose to the Patent and Traden defined in 37 C.F.R. 1.56, including for a continuation-in-pa between the filing date of the prior application and the natio	rt application, information r	material to patentability that became available		
I hereby acknowledge that any willful false statement m imprisonment of not more than five (5) years, or both.	nade in this declaration is	punishable under 18 U.S.C. 1001 by fine or		
Willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001), and may jeopardize the validity of the application or any patent issuing thereon. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.				
Authorization To Permit Access to Application by	Participating Offices			
If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.  In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.  In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.				

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Prepared by Blakely, Sokoloff, Taylor & Zafman LLP on 09/17/2012.

# **DECLARATION AND ASSIGNMENT -- Utility or Design Patent Application** The address Correspondence Direct all associated with address below: OR 08791 correspondence to: Customer Number: Name Address **BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP** 1279 Oakmead Parkway Zip City State 94085-4040 Sunnyvale California Telephone Email Country MAIL@BSTZ.com (408) 720-8300 U.S.A. **Assignment of Patent Application:** hereby sell, assign, and transfer to NIPPON TELEGRAPH AND TELEPHONE CORPORATION, and NTT ELECTRONICS CORPORATION having a principal place of business at 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8116 Japan, and 1-32, Shin-urashimacho 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0031 Japan respectively ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the above identified application and in and to said application and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the below named inventor(s).

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### **DECLARATION AND ASSIGNMENT – Utility or Design Patent Application**

#### **WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: Patent Application File . Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: Deposit Accounts and Electronic Funds Transfer Profiles.

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# **DECLARATION AND ASSIGNMENT -- Utility or Design Patent Application**

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PATENT REEL: 039018 FRAME: 0987

**RECORDED: 06/27/2016**