506358384 11/17/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6405138

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATARO TAKEDA	07/10/2020
KENTARO HONDA	07/13/2020

RECEIVING PARTY DATA

Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	
Street Address:	5-1, OTEMACHI 1-CHOME	
Internal Address:	CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	1008116	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17056152

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 801-533-9800

Email:dwilson@wnlaw.comCorrespondent Name:WORKMAN NYDEGGERAddress Line 1:60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	14321.283	
NAME OF SUBMITTER:	DANA L. TANGREN	
SIGNATURE:	/dana I. tangren/	
DATE SIGNED:	11/17/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 2

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PATENT 506358384 REEL: 054389 FRAME: 0758

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention	PHOTODETECTOR	
As the below named inventor, I hereby declare that:		
This declaration The attached application, or		
is directed to:	United States application or PCT international applica April 24, 2019	ation number PCT/JP2019/017353 filed on
The above-identifie	ed application was made or authorized to be made by me	e.
I believe that I am t	the original inventor or an original joint inventor of a cl	aimed invention in the application.
WHEREAS, <u>NIF</u>	PPON TELEGRAPH AND TELEPHONE CORPORAT	TION
1008116, JP, is des	d to as "ASSIGNEE") having places of business at: <u>5-</u> irous of acquiring the entire right, title and interest in an granted therefore in the United States and its territor	d to said invention and in and to any Letters
I, by these presents in the United State under the terms of aforesaid application therefor in the United	FORE, for good, valuable, and adequate consideration, the do sell, assign and transfer unto said ASSIGNEE, the first and its territorial possessions and in all foreign courthe International Convention and other relevant Internation) and the entire right, title and interest in and to any a sted States and its territorial possessions and in any and es, continuations, substitutions and renewals thereof.	full and exclusive right to the said invention of the claim priority attitional Treaties and Arrangements from the all Letters Patent which may be granted
and all foreign cou of my entire right, and assigns, to the	ze and request the Patent Office Officials in the United S ntries to issue any and all of said Letters Patent, when s title and interest in and to the same, for the sole use and full end of the term for which said Letters Patent may be eld by me had this Assignment and sale not been made.	granted, to said ASSIGNEE as the assignee I behoof of said ASSIGNEE, its successors
said invention, and substitute, renewal Patent to be issued ASSIGNEE, its sud	that I will communicate to said ASSIGNEE or its represed testify in any legal proceeding, sign all lawful parand reissue applications, execute all necessary assignment to said ASSIGNEE, make all rightful oaths, and, geocessors and assigns, to obtain and enforce proper protections and in any and all foreign countries.	pers, execute all divisional, continuation, int papers to cause any and all of said Letters enerally do everything possible to aid said
by fine or imprison	viedge that any willful false statement made in this decl ment of not more than five (5) years, or both.	aration is punishable under 18 U.S.C. 1001
LEGAL NAME O		10 th Tel > > >
Inventor: <u>TAKED</u>	A Kotaro	Date: 10th July 2020
Signature:	koraro Takeda	<u> </u>

PATENT REEL: 054389 FRAME: 0759

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention PHOTODETECTOR
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to: United States application or PCT international application number PCT/JP2019/017353 filed on April 24, 2019
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, NIPPON TELEGRAPH AND TELEPHONE CORPORATION
(hereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 1008116, JP, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assigned of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
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.
LEGAL NAME OF INVENTOR
Inventor: HONDA Kentaro Date: 13th July 2020
Signature: Honda Kentaro

PATENT REEL: 054389 FRAME: 0760

RECORDED: 11/17/2020