506205055 08/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENYA SUZUKI	06/16/2020
TAKASHI GO	06/04/2020
OSAMU MORIWAKI	06/05/2020
AI YANAGIHARA	06/09/2020
KEITA YAMAGUCHI	06/08/2020

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:	16970270

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

dwilson@wnlaw.com Email: WORKMAN NYDEGGER **Correspondent Name:** Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: **SUITE 1000**

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	22120.5	
NAME OF SUBMITTER:	DANA L. TANGREN	
SIGNATURE:	/dana I. tangren/	
DATE SIGNED:	08/14/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

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Total Attachments: 5

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Title of Invention VARIABLE WAVELENGTH FILTER
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/JP2019/008281 filed on March 4 , 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, Chivoda-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 assignee 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: Kenya SUZUKI Date: June 16, 2010
Signature: Jampa Suzall

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LEGAL NAME OF INVENTOR
Inventor: Takashi GO Date: 2020, June 4
Signature: Tokesh For

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T 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Inventor: Osamu MORIWAKI Date: June 3, 2020
Signature: <u>Osamu Moùwaki</u>

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LEGAL NAME OF INVENTOR	
Inventor: Ai YANAGIHARA Date: 2020-6-9	
Signature: a Yanagihara	

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Inventor: Keita YAMAGUCHI Date: 8th June 2020
Signature: Keita Gamaguchi

PATENT REEL: 053503 FRAME: 0283

RECORDED: 08/14/2020