### 506639773 04/30/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6686583

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKESHI UMEKI	03/01/2021
TAKUSHI KAZAMA	04/21/2021
KOJI EMBUTSU	02/26/2021
TAKAHIRO KASHIWAZAKI	02/25/2021
OSAMU TADANAGA	02/26/2021
RYOICHI KASAHARA	04/09/2021

### **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:	17290557

### **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:** 8015339800

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:	14321.297
NAME OF SUBMITTER:	DANA L. TANGREN
SIGNATURE:	/dana I. tangren/
DATE SIGNED:	04/30/2021

This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 6**

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Title of Invention WAVELENGTH CONVERSION APPARATUS
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 <a href="PCT/JP2019/042304">PCT/JP2019/042304</a> filed on October 29, 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 Letter 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 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 successor 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 Letter 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 State 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. 100 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: UMEKI Takeshi Date: 202/. 3./
Signature: 木田木 旅足信

Title of Invention	WAVELENGTH CONVERSION APPARATUS	
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I, by these presents in the United State under the terms of aforesaid application therefor in the United	FORE, for good, valuable, and adequate considerating to sell, assign and transfer unto said ASSIGNEE, as and its territorial possessions and in all foreign the International Convention and other relevant International Convention and other relevant International Convention and interest in and to set the States and its territorial possessions and in any less, continuations, substitutions and renewals there	the full and exclusive right to the said invention countries (including the right to claim priority iternational Treaties and Arrangements from the any and all Letters Patent which may be granted and all foreign countries and in and to any and
and all foreign cou of my entire right, and assigns, to the	ze and request the Patent Office Officials in the Un ntries to issue any and all of said Letters Patent, w title and interest in and to the same, for the sole us full end of the term for which said Letters Patent r eld by me had this Assignment and sale not been n	hen granted, to said ASSIGNEE as the assignee te and behoof of said ASSIGNEE, its successors may be granted, as fully and entirely as the same
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	vledge that any willful false statement made in this iment of not more than five (5) years, or both.	declaration is punishable under 18 U.S.C. 1001
		Date: 202/, 4,2/
Inventor: <u>KAZAM</u>	W Tavaza	Diale;
Signature:	Takushi Kazame	

Invention WAVELENGTH CONVERSION APPARATUS
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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: EMBUTSU Koji Date: 2021. 2.26
Signature: Koji Enbatsa

Title of Invention WAVELENGTH CONVERSION APPARATUS
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LEGAL NAME OF INVENTOR
Inventor: KASHIWAZAKI Takahiro Date: 166, 25, 202/
The same of the sa
Signature:

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LEGAL NAME OF INVENTOR	
Inventor: TADANAGA Osamu  Date: Feb. 26, 202/	
Signature: Jadanaga	

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by fine or imprisonmen	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 at of not more than five (5) years, or both.
LEGAL NAME OF IN	3031/4/8
Inventor: KASAHARA	Ryoichi Date: 2021/ 7/
Signature:	Ryvichi Hasahara

PATENT REEL: 056100 FRAME: 0016

**RECORDED: 04/30/2021**