## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2856469

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIROSHI YAMAZAKI	03/20/2014
TAKASHI SAIDA	03/20/2014
TAKASHI GOH	03/20/2014

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14358362

#### **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Email: ckoy@wnlaw.com

Correspondent Name: SCOTT A. WOODBURY

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ATTORNEY DOCKET NUMBER:	14321.181
NAME OF SUBMITTER:	SCOTT A. WOODBURY
SIGNATURE:	/Scott A. Woodbury/
DATE SIGNED:	05/15/2014

#### **Total Attachments: 5**

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PATENT 502809875 REEL: 032901 FRAME: 0112

UNITED STATES PATENT Form Foreign	<sup>1</sup> Attorney Docket No
	DECLARATION and ASSIGNMENT y, Design, National Stage of PCT)
TITLE OF INVENTION:2	
	OPTICAL MODULATOR
As a below named inventor, I here	by declare that:
SPEC	IFICATION IDENTIFICATION
This declaration and assignment is	directed to:
	(complete (a), (b), or (c)) $^3$
(a) [ ] The attached applied on	cation (United States Application No,
	nited States Application No, or
(c) [X] PCT International A	Application No. <u>PCT/JP2012/008189</u> ,
	21, 2012 (nationalized as United States Application
No	, filed on).
I hereby authorize the patent attor above Application No(s), and filing	neys and/or patent agents of Workman Nydegger to insert the g date(s) when known.
DECLARA	TION AND ACKNOWLEDGEMENT
The above-identified application w	as made or authorized to be made by me.
I believe that I am the original investore-identified application.	entor or an original joint inventor of a claimed invention in the
I hereby state that I have review application, including the claim(s).	ewed and understand the contents of the above-identified

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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.

### ASSIGNMENT<sup>4</sup>

The Assignee, <u>NIPPON TELEGRAPH AND TELEPHONE CORPORATION</u>, having a principal place of business at <u>5-1</u>. Otemachi 1-chome, <u>Chiyoda-ku</u>, <u>Tokyo 1008116 Japan</u>, desires to secure the entire right, title and interest in the above-identified application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which is hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in the above-identified application and in all divisions, continuations and continuations-in-part of said application and in all patents issuing thereon in the United States and in all reissues or extensions of patents granted thereon.

The right to claim priority to or the benefit of any prior related United States or foreign patent applications including under all applicable treaties and conventions.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

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With regard to the above-identified application and applications claiming priority thereto, cooperate to the best of my ability in: (1) proceedings relating to multification, reissue, extension, post grant, inter parties, derivation, supplemental examination, and infringement; (2) execution of all lawful documents; and (3) the production of evidence.

This assignment and agreement shall be binding upon my heirs and legal representatives.

Full name of sole or first inventor

# SIGNATURE(S)<sup>S</sup>

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Hiroshi	YAMAZAKI
(GIVEN NAME) (MIDDL. Inventor's signature Hooski Yannay	E INITIAL OR NAME) FAMILY (OR LAST NAME) AN
Date March 20, 2014 Cour	ntry of Citizenship <u>Japan</u>
Residence <u>Atsugi-shi, Kanagawa-ken</u> (city)	Japan (State or Country)
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Full name of second joint inventor, if any Takashi	SAIDA
Takashi (GIVEN NAME) (MIDDL	SAIDA E INITIAL OR NAME) FAMILY (OR LAST NAME) Laida
Takashi (GIVEN NAME) (MIDDI. Inventor's signature <b>Takashi</b>	E INITIAL OR NAME) FAMILY (OR LAST NAME) Laida
Takashi (GIVEN NAME) (MIDDI. Inventor's signature <b>Takashi</b> Date <u>March 20, 2019</u> Cour	
Takashi (GIVEN NAME) (MIDDI. Inventor's signature <b>Takashi</b> Date <u>March 20, 2019</u> Cour	E INITIAL OR NAME) FAMILY (OR LAST NAME)  Aaida  ntry of Citizenship Japan
Takashi (GIVEN MAME) (MIDDI. Inventor's signature Takashi  Date March 20, 2019 Cour  Residence Atsugi-shi, Kanagawa-ken	EINITIAL OR NAME) FAMILY (OR LAST NAME)  Aaida  ntry of Citizenship <u>Japan</u> Japan  (State or Country)

Full name of third joint inves	otor, if any	
Takashi		GOH
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#### INSTRUCTION SHEET FOR

#### COMBINED DECLARATION and ASSIGNMENT (Form Foreign)

General. The attached form should be used when filing a US utility application, a US design patent application, or a PCT nationalization where all of the inventors are assigning their rights to a third party.

Footnotes. The instructions listed below correspond to the factacies in form:

RECORDED: 05/15/2014

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The Attorney Docket No. references our internal docket number and is completed by us upon receipt of the application.

Insert the fittle of the invention.

Mark Section (a) if the attached Declaration will be filed concurrently with the application and the application is NOT a PCT nationalization. We will insert the application number and filing date after filing the application but before recording the assignment. Mark Section (b) and insert the application number and filing date if the attached Declaration will be filed after filing the application and the application is NOT a PCT nationalization. Mark Section (c) and insert the International Application Number and International filing date if the application is a US PCT nationalization. We will insert the US application number and filing date before recording the assignment.

Insert the full legal name and address of the Assignee.

Complete both the "Residence" and "Post Office Address." At "Residence," insert only the city and state or country. A full address is not required. The "Mailing Address" need not be a residence address but can be any address, including a PO Box, where correspondence can be received.