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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKI OKANO	11/11/2020
REO YOSHIDA	11/11/2020
RYO NISHIMAKI	11/11/2020
TETSUTARO KOBAYASHI	11/11/2020

RECEIVING PARTY DATA

Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Street Address:	5-1, OTEMACHI 1-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8116

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16758936

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

(703) 413-3000 Phone: Email: mdeal@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	526767US
NAME OF SUBMITTER:	MICHELLE L DEAL
SIGNATURE:	/Michelle L Deal/
DATE SIGNED:	12/10/2020

Total Attachments: 4

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Title of Invention	COMMUNICATION TERMINAL, SERVER APPARATUS, AND PROGRAM
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/JP2018/040472 filed on October 31, 2018
The above-identified	dapplication was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred	PON TELEGRAPH AND TELEPHONE CORPORATION to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and a said ASSIGNEE, the and in all foreign co other relevant Internal interest in and to an	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto e full and exclusive right to the said invention in the United States and its territorial possessions functies (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and may and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignee of my entir (his) successors and	te and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its lassigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
respecting said invocontinuation, substitt all of said Letters I possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me tention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
I hereby acknowl by fine or imprisonn	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME OF	
Inventor: Yuki Ok	
Signature:	Meko Ukono

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	COMMUNICATION TERMINAL	, SERVER APPARATUS, AND PROGRAM
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT intern filed on October 31, 2018	ational application number PCT/JP2018/040472
The above-identifie	ed application was made or authorized to l	pe made by me.
I believe that I am t	he original inventor or an original joint in	ventor of a claimed invention in the application.
(hereinafter referred	desirous of acquiring the entire right, tit	CORPORATION usiness at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo le and interest in and to said invention and in and to any States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, the and in all foreign conter relevant Inter- interest in and to a	for other good and valuable considerations full and exclusive right to the said involuntries (including the right to claim prior mational Treaties and Arrangements from any and all Letters Patent which may be a any and all foreign countries and in	IVE DOLLARS (\$5.00), the receipt whereof is hereby on, I, by these presents do sell, assign and transfer unto ention in the United States and its territorial possessions rity under the terms of the International Convention and the aforesaid application) and the entire right, title and granted therefor in the United States and its territorial and to any and all divisions, reissues, continuations,
any and all foreign assignee of my enti (his) successors an	a countries to issue any and all of said I ire right, title and interest in and to the sa	s in the United States and its territorial possessions and letters Patent, when granted, to said ASSIGNEE as the time, for the sole use and behoof of said ASSIGNEE, its which said Letters Patent may be granted, as fully and signment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) 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 (his) 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.		
	vledge that any willful false statement ma- ment of not more than five (5) years, or b	de in this declaration is punishable under 18 U.S.C. 1001 oth.
LEGAL NAME OF	FINVENTOR	
Inventor: Reo YC	OSHIDA	Date: November 11, 2020
Signature:	Au Jo Mind	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

Title of

COMMUNICATION TERMINAL, SERVER APPARATUS, AND PROGRAM

Invention		
As the below name	d inventor, I hereby declare that:	
This declaration [This declaration The attached application, or	
is directed to:	United States application or PCT international a filed on October 31, 2018	pplication number PCT/JP2018/040472
The above-identifie	ed application was made or authorized to be made l	by me.
I believe that I am the	the original inventor or an original joint inventor of	f a claimed invention in the application.
(hereinafter referred	PON TELEGRAPH AND TELEPHONE CORPO d to as "ASSIGNEE") having places of business a s desirous of acquiring the entire right, title and in may be granted therefore in the United States ar	at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo terest in and to said invention and in and to any
acknowledged, and said ASSIGNEE, th and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DO. I for other good and valuable consideration, I, by the full and exclusive right to the said invention in ountries (including the right to claim priority undernational Treaties and Arrangements from the aformy and all Letters Patent which may be granted an any and all foreign countries and in and to exercise the same are supported to the same and the same are same as a same and the same are same and the same are same as a same are same are same as a same are same as a same are same are same as a same are same are same as a same are same as a same are same are same as a same are same are same as a same are same are same are same as a same are same are same as a same are same are same are same are same are same are same as a same are s	these presents do sell, assign and transfer unto the United States and its territorial possessions or the terms of the International Convention and resaid application) and the entire right, title and therefor in the United States and its territorial
any and all foreign assignee of my enti (his) successors and	ize and request the Patent Office Officials in the land countries to issue any and all of said Letters Paire right, title and interest in and to the same, for a dassigns, to the full end of the term for which see would have been held by me had this Assignmen	atent, when granted, to said ASSIGNEE as the the sole use and behoof of said ASSIGNEE, its aid Letters Patent may be granted, as fully and
respecting said inv continuation, substi- all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or vention, and testify in any legal proceeding, situte, renewal and reissue applications, execute al Patent to be issued to said ASSIGNEE, make a d ASSIGNEE, its (his) successors and assigns, to ited States and its territorial possessions and in any	sign all lawful papers, execute all divisional, I necessary assignment papers to cause any and all rightful oaths, and, generally do everything to obtain and enforce proper protection for said
	viedge that any willful false statement made in this ament of not more than five (5) years, or both.	s declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	F INVENTOR	
Inventor: Ryo NE	SHIMAKI	Date: November 11, 2020
Signature:	Byd Mishinafri	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of COMMUNICATION TERMINAL, SERVER APPARATUS, AND PROGRAM Invention
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/JP2018/040472 filed on October 31, 2018
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 100-8116 Japan, 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, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, 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 (his) 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 (his) 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 (his) 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: Tetsutaro KOBAYASHI Date: November 11, 2020
Signature: Letsettan Kohnsyli

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054606 FRAME: 0371

RECORDED: 12/10/2020