PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7514082

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE MURAYAMA	03/30/2021
KOICHI ISHIHARA	03/30/2021
KENICHI KAWAMURA	03/30/2021
TAKATSUNE MORIYAMA	03/30/2021

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:	17908310

CORRESPONDENCE DATA

Fax Number: (248)641-0270

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: 248.641.1230

Email: troymailroom@harnessip.com, kklaty@harnessip.com

Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: 5445 CORPORATE DRIVE

Address Line 2: SUITE 200

Address Line 4: TROY, MICHIGAN 48098

ATTORNEY DOCKET NUMBER:	18642-000424-US-NP
NAME OF SUBMITTER:	KERI KLATY
SIGNATURE:	/kk/
DATE SIGNED:	08/31/2022
	•

Total Attachments: 4

PATENT REEL: 060949 FRAME: 0526

507467189

source=18642-424-NP_Declarations_Assignment#page1.tif
source=18642-424-NP_Declarations_Assignment#page2.tif
source=18642-424-NP_Declarations_Assignment#page3.tif
source=18642-424-NP_Declarations_Assignment#page4.tif

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

Title of Invention	LOCAL WIRELESS COMMUNICATION SYSTEM, RADIO FIELD INTENSITY CONTROL METHOD, CONTROL DEVICE, AND PROGRAM
As the below named inventor, I hereby declare that: This declaration is directed to: United States application or PCT international application number PCT/JP2020/008703 filed on March 2, 2020	
The above-ider	ntified 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, N	TIPPON TELEGRAPH AND TELEPHONE CORPORATION
(hereinafter ref Tokyo 100-8	erred to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, 116 Japan
	equiring the entire right, title and interest in and to said invention and in and to any Letters Patent unted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged the said inven to claim prior Arrangements Patent which	IEREFORE, for good, valuable, and adequate consideration, the receipt of which is hereby I, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to tion in the United States and its territorial possessions and in all foreign countries (including the right rity under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters may be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all fo assignee of my successors an	thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the y entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and 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.	
•	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
	E OF INVENTOR
Inventor: (1) Daisuke Murayama Date: Mar. 30, 202/ Signature: Daisuke Murayama	
Signature;	Daisuke Murayana

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

Title of Invention	LOCAL WIRELESS COMMUNICATION SYSTEM, RADIO FIELD INTENSITY CONTROL METHOD, CONTROL DEVICE, AND PROGRAM
As the below n This declaratio is directed to:	amed inventor, I hereby declare that: The attached application, or United States application or PCT international application number PCT/JP2020/008703 filed on March 2 . 2020
The above-ider	nified 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, N	IPPON TELEGRAPH AND TELEPHONE CORPORATION
(hereinafter ref Tokyo 100-8	erred to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, 116 Japan
	equiring the entire right, title and interest in and to said invention and in and to any Letters Patent inted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged the said invento claim prior Arrangements Patent which	THEREFORE, for good, valuable, and adequate consideration, the receipt of which is hereby I, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to from in the United States and its territorial possessions and in all foreign countries (including the right rity under the terms of the International Convention and other relevant International Treaties and is from the aforesaid application) and the entire right, title and interest in and to any and all Letters may be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all fo assignce of m successors an	othorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the yentire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and 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.	
1001 by fine or	mowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
	E OF INVENTOR
Inventor: (2)	Koichi Ishihara Date: March 30, 202/
Signature:	Harris Christiana

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

Title of Invention	LOCAL WIRELESS COMMUNICATION SYSTEM, RADIO FIELD INTENSITY CONTROL METHOD, CONTROL DEVICE, 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 <u>PCT/JP2020/008703</u> filed on <u>March 2, 2020</u> .	
The above-iden	tified 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, N	IPPON TELEGRAPH AND TELEPHONE CORPORATION
(bereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8116 Japan	
is desirous of acthat may be gracountries;	equiring the entire right, title and interest in and to said invention and in and to any Letters Patent nted therefore in the United States and its territorial possessions and in any and all foreign
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.	
1001 by fine or	nowledge that any willful fulse statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both. OF INVENTOR
Inventor: <u>(3) Kenichi Kawamura</u> Date: <u>30/Mat /202/</u> Signature: <u>河は美</u>	

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

Title of Invention	LOCAL WIRELESS COMMUNICATION SYSTEM, RADIO FIELD INTENSITY CONTROL METHOD, CONTROL DEVICE, AND PROGRAM
As the below n This declaratio is directed to:	amed inventor, I hereby declare that: n
The above-ide	ntified 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, N	IPPON 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	
	equiring the entire right, title and interest in and to said invention and in and to any Letters Patent anted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged the said inven to claim prior Arrangements Patent which	THEREFORE, for good, valuable, and adequate consideration, the receipt of which is hereby I, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to tion in the United States and its territorial possessions and in all foreign countries (including the right rity under the terms of the International Convention and other relevant International Treaties and is from the aforesaid application) and the entire right, title and interest in and to any and all Letters may be granted therefor in the United States and its territorial possessions and in any and all foreign 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.	
_	mowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
•	E OF INVENTOR
Inventor: (4) Takatsune Moriyama Date: Mar. 36, 2,2/ Signature: Howama.	
Signature:	Fakatsume Moringoma.

PATENT REEL: 060949 FRAME: 0531

RECORDED: 08/31/2022