506393865 12/09/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROMI NARIMATSU	07/16/2020
HIROAKI SUGIYAMA	07/21/2020
MASAHIRO MIZUKAMI	07/21/2020

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:	17044334

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: XSENSUS, LLP

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Address Line 2: SUITE 201

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 14979US01	
NAME OF SUBMITTER: AIKO MATSUSHITA	
SIGNATURE: /Aiko Matsushita/	
DATE SIGNED:	12/09/2020

Total Attachments: 3

source=14979US01 Assignments#page1.tif source=14979US01 Assignments#page2.tif source=14979US01 Assignments#page3.tif

PATENT 506393865 REEL: 054661 FRAME: 0092

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	TAG ASSIGNMENT MODEL GE METHODS AND PROGRAMS TI		US, TAG ASS	IONMENT APPARATUS,
As the below m	uned inventor, I hereby declare that:		***************************************	
This declaration	: 🗆 The attached application, or			
is directed to:	X United States application on PC filed on April 01, 2019		on number <u>P</u> i	CT/JP2019/014467
The above-iden	tified application was made or author	ized to be made by me.		
I believe that I :	on the original inventor or an original	joint inventor of a clai	med invention	in the application.
WHEREAS, J	NIPPON TELEGRAPH AND TELES	HONE CORPORATIO	<u>N</u>	
100-8116 Japan	erred to as "ASSIONEE") having pla , is desirous of acquiring the entire r iat may be granted therefore in the Un	ight, title and interest is	a and to said is	nvention and in and to any
I, by these press in the United S under the terms aforesaid applic therefor in the I	REFORE, for good, valuable, and adea rus do sell, assign and transfer unto a tates and its territorial possessions as of the International Convention and ation) and the entire right, title and in Juited States and its territorial posses issues, continuations, substitutions an	aid ASSIGNEE, the ful ad in all foreign counts other relevant Internation sterest in and to any and stons and in any and al	l and exclusive ies (including mai Treaties a I all Letters Pa	right to the said invention the right to claim priority and Arrangements from the sent which may be granted
and all foreign of my entire rig and assigns, to	sorize and request the Patent Office O countries to issue any and all of said I bt, title and inserest in and to the sam the full and of the term for which said n held by me had this Assignment are	letiers Palent, when give, for the sole use and but Letiers Palent may be	inted, to said / iehoof of said .	ASSIGNEE as the assignee ASSIGNEE, its successors
said invention, substitute, renev Patent to be iss ASSIGNEE, its	ree that I will communicate to said AS and testify in any legal proceeding valued ressue applications, execute a used to said ASSIGNEE, make all risuccessors and assigns, to obtain and it possessions and in any and all forci	s, sign all lawful pape If necessary assignment ghtful oaths, and, gene enforce proper protecti	rs, execute at papers to caus raity do every	I divisional, continuation, e any and all of said Letters (thing possible to aid said
by fine or impri	nowledge that any willful false staten somment of not more than five (5) yes		ation is punish	able under 18 U.S.C. 1901
	OF INVENTOR		A //	11 1 2 2
Inventor: His	romi NARIMATSU	D	ue: <u>444</u>	<u>-1614-jil (20</u>
Signature:	Mami Nouna (see		· · · · · · · · · · · · · · · · · · ·	

PATENT REEL: 054661 FRAME: 0093

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

Invention TAG ASSIGNMENT MODEL GENERATION APPARATUS, TAG ASSIGNMENT APPARATUS, Invention METHODS AND PROGRAMS THEREFOR
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/JP2019/014467 filed on April 01, 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: <u>S-1, Otemachi 1-chome, Chivoda-ku, Tokvo 100-8116 Japan</u> , 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: Hiroaki SUGIYAMA Date: ブル[ユ! ノッシゥ
Signature: 6 5 5 16 3

PATENT REEL: 054661 FRAME: 0094

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	TAG ASSIGNMENT MODEL G METHODS AND PROGRAMS T	NERATION APPARATUS, TAG ASSIGNMENT APPARATUS, HEREFOR
As the below na	med inventor, I bereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PC filed on <u>April 01, 2019</u>	T international application number PCT/3P2019/014467
The above-ident	ified application was made or autho	rized to be made by me.
I believe that I a	m the original inventor or an origin	d joint inventor of a claimed invention in the application.
WHEREAS, A	IPPON TELEGRAPH AND TELE	PHONE CORPORATION
100-8116 Japan,	is desirous of acquiring the entire	sees of business at: <u>5-1, Otemachi 1-chome, Chivoda-ku, Tokyo</u> right, title and interest in and to said invention and in and to any itted States and its territorial possessions and in any and all foreign
I, by these prese in the United St under the terms aforesaid applies therefor in the U	nts do sell, assign and transfer unto ates and its territorial possessions : of the International Convention and ition) and the entire right, title and i	equate consideration, the receipt of which is hereby acknowledged, said ASSIGNEE, the full and exclusive right to the said invention and in all foreign countries (including the right to claim priority other relevant International Treaties and Arrangements from the interest in and to any and all Letters Patent which may be granted ssions and in any and all foreign countries and in and to any and id renewals thereof.
and all foreign c of my entire righ and assigns, to the	ountries to issue any and all of said at, title and interest in and to the san	Officials in the United States and its territorial possessions and any Letters Patent, when granted, to said ASSIGNEE as the assignee ne, for the sole use and behoof of said ASSIGNEE, its successors d Letters Patent may be granted, as fully and entirely as the same id sale not been made.
said invention, substitute, renew Patent to be issu ASSIGNEE, its	and testify in any legal proceeding al and reissue applications, execute and to said ASSIGNEE, make all i	SSIGNEE or its representatives any facts known to me respecting g, sign all lawful papers, execute all divisional, continuation, all necessary assignment papers to cause any and all of said Letters ightful oaths, and, generally do everything possible to aid said denforce proper protection for said invention in the United States ign countries.
by fine or impris	sowledge that any willful false states connent of not more than five (5) ye OF INVENTOR	nent made in this declaration is punishable under 18 U.S.C. 1001 ars, or both.
		a +1 -1
	sahiro MIZUKAMI	Date: July 21, 2020
Signature: 4	Casalino 11/20	<u>KBM2</u>

PATENT REEL: 054661 FRAME: 0095

RECORDED: 12/09/2020