505872586 01/20/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAIKI TAKEDA	12/05/2019
HIROKI HARADA	12/05/2019
SATOSHI NAGATA	12/05/2019

### **RECEIVING PARTY DATA**

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City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-6150

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

Property Type	Number
Application Number:	16621589

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	17401-756001
NAME OF SUBMITTER:	MICHAEL MALDEI
SIGNATURE:	/Michael Maldei/
DATE SIGNED:	01/20/2020

### **Total Attachments: 3**

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PATENT 505872586 REEL: 051558 FRAME: 0829

### **DECLARATION REGARDING VERIFICATION OF TRANSLATION**

- I, Yuichi Watanabe, at Osha Liang LLP, located at 909 Fannin St., Suite 3500, Houston, TX 77010, hereby declare as follows:
  - (1) I am fluent in both Japanese and English languages; and
  - (2) To the best of my knowledge and belief, the attached English language translation of the Japanese language assignment contained within the combined Declaration and Assignment form, a copy of which attached hereto, is a true and correct translation.

By:

Date: <u>December 16, 2018</u>

PATENT REEL: 051558 FRAME: 0830

# Declaration and Assignment using an Application Data Sheet

出願データシートを用いた宣言書及び譲渡証

Japanese Language Declaration and Assignment

日本語宣言書及び職隊証

Title of Invention: 発明の名称	BASE STATION APPARATUS			
私は、以下に記名され) る:	<b>に発明者として、ここに下記の通り宣書す</b>	Asa	below name	d inventor, I haveby declare that:
この宣言書は、以下を対	対象とする。	This	declaration is	s directed to:
□ 本審に添付されて	いる出額、又は		The attack	ted application, or
□ 米国出願餐号又は	: PCT 国際出願番号	$\boxtimes$	United Str	ales application or PCT international application number
	として、			PCT/JP2017/022272
	の目に優出された出願		filed on	have 16, 2017
上記出額は、私が作成り のである。	したもの、又は、私がその作成を認めたも	The	above-identil	iled application was made or authorized to be made by me.
	て特許請求範囲に記載された発明の、最初 同発明者であると信じている。			um the original inventor or an original joint inventor of a in the application.
る魔傷の陳述も、台衆国	言書においてなされた、いかなる故意によ 国法典第 18 編第 1001 条に基づき、罰金又 しくはその両方により処罰されることを認	s pu		odge that any willful false statement made in this declaration or 18 U.S.C. 1601 by fine or imprisonment of not more than soft-
一方。		WHI	ereas,	
	NTT 99C0	MO, INC	С.	
(以下「譲受人」) は、		(here	inatler refem	ed to as "ASSIGNEE") having a place of business at.
	11-1, Nagatacho 2-chome, Chiyo	da-ku, Te	skyo 100-6	150 JAPAN
あらゆる全ての外国にお	FICついて、及び合衆国及びその領土及び Gいて付与されたあらゆる特許証につい 及び利益を取得することを希望し、	and i	n and to any	airing the entire right, title and interest in and to said invention. Letters Patent that may be granted therefore in the United torial possessions and in any and all foreign countries;
えに、私は、本職液証に 国における該発明に対す の他の関連する国際協設 権を主張する権利を含む	確認した有効にして価値ある対価と引き換 により、合衆国及びその領土及び全ての外 この条項に従って、前記出願に基づく優先 同人の条項に従って、前記出願に基づく優先 同した、合衆国及びその領土及びあらゆる はされるあらゆる全ての特許社について及	when transi in the (inclu Conv the ai	eof is hereb fer unto said a United Stat iding the rig rention and c foresaid appli	FORE, for good and valuable consideration, the receipt y acknowledged, I, by these presents do sell, assign and ASSIGNEE, the full and exclusive right to the said invention as and its territorial possessions and in all foreign countries that to claim priority under the terms of the International other relevant international Treaties and Amangements from (action) and the entire right, title and interest in and to any and which may be granted therefor in the United States and its

私は、ここに、この譲渡及び売却がなされなかったならば私に より保持されたであろう場合と同様に完全且つ全体的に、付与さ れ得る存続期間の完全な最後まで、該議受人、その(彼の)承継 人及び非譲渡者による専用及び利益のために、あらゆる全ての特 許証を、該特許証についての私の全ての権利、権原、及び利益の 譲受人としての該譲受人に、合衆国及びその領土及びあらゆる全 ての外国において特許庁当局が発行することを許可し及び要請す

びその分割、再発行、継続、差し替え、及び更新のあらゆる全て

についての全ての権利、権原、及び利益とを、該議受人に売却

し、譲渡し、及び移転する。

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 renewal thereof.

Thereby 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 ASSKINEE 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 (bis) 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.

Combined AlA Declaration and Assignment for Single Assignee 19/2012 Page 1 of 2

更に、私は私が知る該発明に関するあらゆる事実を該議受人またはその(彼の)代理人に伝え、あらゆる法的手続きにおいて証言し、徒の認めた審面に著名し、全ての分割、礎続、一部継続、差し替え、更新、及び再発行出額に署名し、全ての必要な譲渡審額に署名することで該特許証のあらゆるもの全てが該議受人に発行されるようにし、正当な全ての誓約をし、更に該議受人、その(彼の)承継人及び非譲渡者が合衆国及びその領土及びあらゆる全ての外国において該発明について適切な保護を取得し及び行使することを援助するために一般に可能なことを全て行うことを、私は商業する。

Further, I agree that I will communicate to said ASSIGNEE or its (tis) representatives any facts known to me respecting said invention, and testify in any logal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-u-part, 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 proception for said invention in the United States and its territorial possessions and in any and all foreign countries.

The D	EMENT OF ACCURATE TRANSLAT coloration and Assignment using an Appliation Data Sheet.		WINE 37 C.K.R. § 1,69(8): surate translation of the corresponding English language Declaration and	
Signai	(ure:		Date:Agril 16, 2014	:
Date: 目付	Dec. 05, 2019	Logal Name of Inventor 発明者氏名	Daki TAKEDA	
		Inventor Signature: SESTESSE	Drid Ochela	
Date: 目付	Dec. 05, 2019	Legal Name of Inventor: 発明者氏名	Hiroki HARADA	
		Inventor Signature: 発明者署名	Hirshi Hard	
Date: 日付	Dec - 05-20/9	Legal Name of Inventor. 発明者氏名	Satoshi NAGATA	
		Inventor Signatum 発明者署名	Satisti, Nogata	