506966044 11/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7012882

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKI MATSUMURA	06/24/2021
SATOSHI NAGATA	06/24/2021
JING WANG	06/02/2021
XIAOLIN HOU	06/02/2021

RECEIVING PARTY DATA

Name:	NTT DOCOMO, INC.
Street Address:	11-1, NAGATACHO 2-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-6150

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17608108

CORRESPONDENCE DATA

Fax Number: (713)228-8778

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: 7132288600

Email: insular@obwbip.com

OSHA BERGMAN WATANABE & BURTON **Correspondent Name:**

Address Line 1: 909 FANNIN ST Address Line 2: **SUITE 3500**

Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER:	17787-252001
NAME OF SUBMITTER:	MICHAEL MALDEI
SIGNATURE:	/Michael Maldei/
DATE SIGNED:	11/08/2021

Total Attachments: 7

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> **PATENT** REEL: 058050 FRAME: 0581 506966044

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PATENT REEL: 058050 FRAME: 0582

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 日本語宣言書及び譲渡証

***************************************	***************************************		
Title of Invention: 発明の名称	USER TERMINAL AN	ID RADIO COMMU	NICATION METHOD
私は、以下に記名された発	8明者として、ここに下記の通り	As a below named inve	entor, I hereby declare that:
この宣言書は、以下を対象	とする:	This declaration is dire	octed to:
□ 本書に添付されている	出願、又は	The attached applie	eation, or
□ 米国出願番号又はPC	丁国際出願番号	🗱 United States appli	ication or PCT international application number
	として、 ・		PCT/JP2019/018190
3	の日に提出された出願	filed on	May 2, 2019
上記出願は、私が作成した 認めたものである。	もの。又は、私がその作成を	The above-identified made by me.	application was made or authorized to be
	許請求範囲に記載された発明 別の共同発明者であると信じて	I believe that I am the of a claimed invention	original inventor or an original joint inventor n in the application.
意による虚偽の陳述も、合	こおいてなされた、いかなる故 衆国法典第18編第1001条に の枸禁、若しくはその両方によ いる。	declaration is punisha	that any willful false statement made in this able under 18 U.S.C. 1001 by fine or more than five (5) years, or both.
一方、		WHEREAS,	
	NIT	DOCOMO, INC.	
(以下「譲受人」)は、		(hereinafter referred to	o as "ASSIGNEE") having a place of
	11-1, Nagatacho 2-chome,	Chiyoda-ku, Tokyo	100-6150 Japan
	ついて、及び合衆国及びその 国において付与されたあらゆ		ng the entire right, title and interest in and to and to and to any Letters Patent that may be granted

る特許証について、全ての権利、権原、及び利益を取得

することを希望し

従ってここに、受領を確認した有効にして価値ある対価と 引き換えに、私は、本譲渡証により、合衆国及びその領土 及び全ての外国における該発明に対する完全で排他的 な権利(国際条約及びその他の関連する国際協定の条 項に従って、前記出願に基づく優先権を主張する権利を 含む)と、

therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention

Combined AIA Declaration and Assignment for Single Assignee 10/2012

合衆国及びその領土及びあらゆる全ての外国において 付与されるあらゆる全ての特許証について及びその分 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 充却し、譲渡し、及び移転する。 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 renewal thereof.

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、該等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る。

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.

要に、私は私が知る該発明に関するあらゆる事実を該譲 受入またはその(彼の)代理人に伝え、あらゆる法的手続きにおいて証常し、法の認めた書面に署名し、全ての分割、継続、一部継続、差し替え、更新、及び再発行出顧に著名し、全ての必要な譲渡書類に署名することで該時許証のあらゆるもの全てが該譲受人に発行されるようにし、正当な全ての勢約をし、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、私は同意する。 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.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R.§1.69(B):

The Declaration and Assignment using an Application Data Sheet is an accurate translation of the corresponding English language Declaration and Assignment using an Application Data Sheet.

Date:	
Signature:	
-	Hiroyoshi AOKI
	Managing Partner, Japanese Patent Attorney
	INFORT PATENT FIRM

Combined AIA Declaration and Assignment for Single Assignee 10/2012

Date: "T. O.A. n. co.3	Legal Name of Inventor:	
Date: <u>Јчи - 24 , 2021</u>	受明者氏名 Yuki MATSUMU	RA
	Inventor Signature: YUO UUへ 発明者署名	
Date: July 24. 2021	Legal Name of Inventor: 発明者氏名 Satoshi NAGAT	Α
	Invenior Signature: Satoshi) / Aga I	4
Date: 용헌	Legal Name of Inventor: 黎明者近年 Jing WANG	
	(rvemor Signature: ※明者署名	
Date: 县付	Legal Name of leventer. 差明著氏者 Xiaolin HOU	
	Inventor Signature: 發明者署名	

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 日本語宣言書及び譲渡証

Title of Invention: 発明の名称

USER TERMINAL AND RADIO COMMUNICATION METHOD

私は、以下に記名された発明者として、ここに下記の通り	As a below named inventor, I hereby declare that:
この宣言書は、以下を対象とする:	This declaration is directed to:
□ 本養に添付されている出願、又は	☐ The attached application, or
□ 米国出顧番号又はPCT国際出願番号 として、	■ United States application or PCT international application numbe PCT/JP2019/018190
の目に提出された出験	filed on May 2, 2019
上記出願は、私が作成したもの、又は、私がその作成を 認めたものである。	The above-identified application was made or authorized to be made by me.
私は、この出願において幹許請求範囲に記載された発明 の、最初の発明者又は最初の共同発明者であると信じて いる。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
私は、ここに、この宣言審においてなられた、いかなる故意による虚偽の陳述も、合衆国法典第18編第1001条に基づき、罰命又は5年以下の物禁、若しくはその両方により処罰されることを認識している。	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.
一方、	WHEREAS,
MIII	DOCOMO, INC.
(以下「該受人」)は、	(hereinafter referred to as "ASSIGNEE") having a place of

11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan

に営業所を有し、該発明について、及び合衆国及びその 領土及びあらゆる全ての外国において付与されたあらゆ る特許証について、全ての権利、権原、及び利益を取得 することを希望し

従ってここに、受領を確認した有効にして価値ある対価と 引き換えに、私は、本譲渡証により、合衆国及びその領土 及び全ての外国における該発明に対する完全で排他的 な権利(国際条約及びその他の関連する国際協定の条項に従って、前記出願に基づく優先権を主張する権利を 含む)と、 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 and valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention

Combined ATA Declaration and Assignment for Single Assignee 19/2012

合衆国及びその領土及びあらゆる全ての外国において 付与されるあらゆる全ての特許部について及びその分 割、再発行、継続、差し替え、及び更額のあらゆる金でに 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。

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 renewal thereof.

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終まで。該総受人、その(彼の)承継人及び非線護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議受人に、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る。

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.

更に、私は私が知る該発明に関するあらゆる事実を該該受人またはその(彼の)代理人に伝え、あらゆる法的手続きに無いて被談し、法の認めた勝価に署名し、全ての分割、継続。一部総統、差し替え、更新、及び再発行出額に署名し、全ての必要な譲渡署類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)単級人及び非議議者が合衆国及びその領土及びあらかる金下の外間において該疑則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、私は同意する。

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.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R.§1.69(B):

The Declaration and Assignment using an Application Data Sheet is an accurate translation of the corresponding English language Declaration and Assignment using an Application Data Sheet.

BFBRE:	
Signature:	
	Hiroyoshi AOKI Managing Partner, Japanese Patent Attorney
	INFORT PATENT FIRM

Combined AIA Declaration and Assignment for Single Assignee 19/2012

Myenter Signature:	.GATA
相	
発明者署名 to:	

	.NG
koventor Signaeure. 発明者著名	
te: Jun, e レ: なり Legal Name of Inventor: 短明春氏名 Xiaolin H	łou
Inventor Signature: Xi do Uin 上	104

DECLARATION REGARDING VERIFICATION OF TRANSLATION

I, Yuichi Watanabe, at Osha Bergman Watanabe & Burton 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

RECORDED: 11/08/2021

(2) To the best of my knowledge and belief, the attached English language translation of the Japanese language assignment contained within the Assignment form, a copy of which is attached hereto, is a true and correct translation.

By:

Date: October 5, 2020

PATENT REEL: 058050 FRAME: 0589