

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOMOYA OTA	12/16/2020
HIROYOSHI ISHIKAWA	12/21/2020
ALEXANDER LOZHKIN	12/18/2020
ESTATE OF TORU MANIWA (DECEASED INVENTOR)	02/09/2021
RECEIVING PARTY DATA	
Name:	FUJITSU LIMITED
Street Address:	1-1, KAMIKODANAKA 4-CHOME, NAKAHARA-KU
City:	KAWASAKI-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	211-8588
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17197295
CORRESPONDENCE DATA	
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<i>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.</i>	
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Address Line 2:	SUITE 1420
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ATTORNEY DOCKET NUMBER:	19-01401
NAME OF SUBMITTER:	PAMELA CEI BRISKY
SIGNATURE:	/PAMELA CEI BRISKY/
DATE SIGNED:	03/10/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	

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source=19-01401 Assignment for filing with new app#page2.tif

Assignment With Declaration for Utility or Design Patent
Application (37 C.F.R. 1.63)

特許またはデザイン特許出願用宣言書付き譲渡書

Japanese Language Assignment with Declaration

日本語宣言書付き譲渡書

DECLARATION

宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する： As a below named inventor, I hereby declare that:

私は、下記の名称の出願について、特許請求範囲に記載されている発明の真の発明者であるか、或いは真の共同発明者であると信じている： I believe I am the original inventor or an original joint inventor of a claimed invention in the below-entitled application:

発明の名称を記入：

Insert Title:

WIRELESS COMMUNICATION APPARATUS AND COEFFICIENT UPDATING METHOD

下記の欄がチェックされている場合を除き、ここに添付されている上記出願は、 the application of which is attached hereto unless the following is checked:

_____ 日に米国出願番号 _____

として出願され、且つ/または _____ 日に

PCT国際出願番号 _____ として出願された。

was filed on _____ as United States Application

Number _____ and/or was filed on

_____ as PCT International Application

Number _____.

上記出願は、私が作成したものか、あるい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、この宣言書において故意に偽りを述べた場合、合衆国法典第18巻第1001条に基づき、罰金あるいは5年以下の懲役、または両方の懲罰が課され得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.

ASSIGNMENT
譲渡書

下記の者（以下、譲受人）によって提供され、そしてその適切性と受領は下記に署名した発明者（達）（以下、譲渡人）によって承認された、適正で価値のある報奨をもって、

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which are hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR), from

譲受人名/住所：

Insert Assignee(s)Name/Address:

FUJITSU LIMITED
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

下記に署名をした譲渡人は、ここに、上記出願（その基礎となり得るいかなる仮出願を含む）およびその全期間又は許可された期間に渡る、上記出願或いはその継続、分割、代替再発行、再審査、補足審査、当事者系レビュー、登録後レビュー、またはその他の手続によって得られる全ての米国特許の、全ての且つ排他的な権利、権限、利権、もしあるなら過去侵害の訴権を含む、および合衆国法典第35巻第154条に従う全ての権利、を譲受人に売却・譲渡・移転する。

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns or transfers to ASSIGNEE the entire and exclusive right, title and interest to, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. 154, the above-identified application (including any provisional application upon which it may be based), and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

譲渡人は、上記出願及び／または特許証、およびその継続、分割、代替、再発行、再審査、補足審査、当事者系レビュー、登録後レビュー、またはその他の手続に係わる全ての必要書類を完成する事に、および譲受人が必要または便宜的であると考えるような、出願及び／または特許証に係わる別の譲渡書を完成する事にも同意する。

The ASSIGNOR agrees to execute all papers necessary in connection with the application and/or Letters Patent and any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications and/or Letters Patent as the ASSIGNEE may deem necessary or expedient.

譲渡人は、この出願及び／または特許証、およびその継続、分割、代替、再発行、再審査、補足審査、当事者系レビュー、登録後レビュー、その他の手続に関する、インターフェアランス、訴訟、あるいは他の法的な処置に係わる全ての必要な書類を完成する事に、および証拠の取得や生成およびそのインターフェアランス、訴訟、あるいはその他の法的処置における手続において、可能なあらゆる方法で譲受人に協力する事に同意する。

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding concerning this application and/or Letters Patent and any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ここに、下記の署名者により、その署名者名の署名の横に記載された日に署名された：

Hereby executed by the undersigned on the date opposite the signature of the undersigned's name:

発明者の正式な氏名

Legal Name of Inventor:

Tomoya Ota

発明者の署名

日付

Signature

Date

発明者の正式な氏名

Legal Name of Inventor:

HIROYOSHI ISHIKAWA

発明者の署名

日付

Signature

Date

ASSIGNMENT
譲渡書

発明者の正式な氏名

Legal Name of Inventor:
Alexander Nikolaevich LOZHKIN

発明者の署名

日付

Signature Date

発明者の正式な氏名

Legal Name of Inventor:
TORU MANIWA

発明者の署名

日付

Signature Date

ASSIGNMENT OF PATENT RIGHTS

This Assignment is between the estate of Toru MANIWA, having an address at
** [1-12-13 Higashitamagawa Setagaya-ku Tokyo 〒158-0084 Japan] **
as represented by Minako MANIWA in her capacity as administrator of said estate,
(hereinafter, "ASSIGNOR") and FUJITSU LIMITED, a Japanese Corporation having an
address at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-
8588, Japan (hereinafter, "ASSIGNEE")

WHEREAS, Toru MANIWA, now deceased, while in the employ of ASSIGNEE, was an
original inventor or an original joint inventor of a claimed invention in the application
entitled, WIRELESS COMMUNICATION APPARATUS AND COEFFICIENT UPDATING
METHOD, filed concurrently herewith (which claims the benefit of priority to application
no. 2020-042067, filed in the Japanese Patent Office on March 11, 2020).

WHEREAS, Minako MANIWA, in her capacity as administrator of the estate of Toru
MANIWA, hereby affirms the assignment of the above-identified application, including
any invention therein and improvement thereon, to ASSIGNEE.

WHEREAS, ASSIGNEE affirms its right, title and interest to the above-identified
application, including any invention therein and improvement thereon.

For good and valuable consideration, the adequacy and receipt of which are hereby
acknowledged, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the entire
and exclusive right, title and interest to, including the right to sue for past infringement,
if any, and all rights pursuant to 35 U.S.C. 154, the above-identified application, and all
Letters Patent of the United States to be obtained therefore on the above-identified
application or any continuation, divisional, substitute, reissue, reexamination,
supplemental examination, inter partes review, post grant review, or other procedures
thereof for the full term or terms for which the same may be granted.

ASSIGNOR agrees to execute all papers necessary in connection with the above-
identified application and/or Letters Patent and any continuation, divisional, substitute,
reissue, reexamination, supplemental examination, inter partes review, post grant
review, or other procedures thereof and also to execute separate assignments in
connection with such applications and/or Letters Patent as the ASSIGNEE may deem
necessary or expedient.

ASSIGNOR agrees to execute all papers necessary in connection with any interference,
litigation, or other legal proceeding concerning this application and/or Letters Patent
and any continuation, divisional, substitute, reissue, reexamination, supplemental
examination, inter partes review, post grant review, or other procedures thereof and to
cooperate with the ASSIGNEE in every way possible in obtaining and producing
evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR has not entered into any assignment, contract, agreement, or understanding which conflicts with this Assignment.

By: Minako MANIWA
Minako MANIWA
Administrator of the Estate of Toru MANIWA

Date Signed: February 9, 2021