

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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|---|----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DINH THUY PHAN HUY | 08/24/2023 |
| PHILIPPE RATAJCZAK | 03/12/2023 |
| DOMINIQUE BARTHEL | 09/25/2023 |
| RECEIVING PARTY DATA | |
| Name: | ORANGE |
| Street Address: | 111, QUAI DU PRÉSIDENT ROOSEVELT |
| City: | ISSY-LES-MOULINEAUX |
| State/Country: | FRANCE |
| Postal Code: | 92130 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17999697 |
| CORRESPONDENCE DATA | |
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| Phone: | 858-707-4000 |
| Email: | efiling@knobbe.com |
| Correspondent Name: | KNOBBE MARTENS OLSON & BEAR LLP |
| Address Line 1: | 2040 MAIN STREET |
| Address Line 2: | 14TH FLOOR |
| Address Line 4: | IRVINE, CALIFORNIA 92614 |
| ATTORNEY DOCKET NUMBER: | FTSA.472APC |
| NAME OF SUBMITTER: | DEREK C. DAILEY |
| SIGNATURE: | /Derek C. Dailey/ |
| DATE SIGNED: | 11/17/2023 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |
| Total Attachments: 5 | |
| source=Executed Declaration Assignment - FTSA.472APC#page1.tif | |
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PATENT

REEL: 065605 FRAME: 0845

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently***Docket No.:** FTSA.472APC

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Title: MULTI-ANTENNA WIRELESS COMMUNICATION DEVICE, METHOD FOR CONTROLLING SUCH A DEVICE**Inventors:** Dinh Thuy Phan Huy, Philippe Ratajczak, Dominique Barthel***Declaration***

This Declaration is directed to U.S. or International Application No. **17/999,697**, filed November 22, 2022 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries related to **MULTI-ANTENNA WIRELESS COMMUNICATION DEVICE, METHOD FOR CONTROLLING SUCH A DEVICE** (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been filed or prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application"), and ASSIGNOR desires to assign or confirm assignment of the Work and the Application to the below identified Assignee.

AND WHEREAS, **ORANGE**, a Corporation, having an address at **111, quai du Président Roosevelt 92130 Issy-les-Moulineaux, France** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer, and set over, unto said ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including: all provisional applications relating to the Work and the Application (including but not limited to U.S. Provisional Application No(s) . . . filed (respectively if plural applications)); all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals, and reissues thereof.

ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

Orange Restricted

PATENT
REEL: 065605 FRAME: 0846

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently***Docket No.:** FTSA.472APC

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Title: MULTI-ANTENNA WIRELESS COMMUNICATION DEVICE, METHOD FOR CONTROLLING SUCH A DEVICE**Inventors:** Dinh Thuy Phan Huy, Philippe Ratajczak, Dominique Barthel

AND ASSIGNOR DOES HEREBY acknowledge and agree that the assigned scope of the Application and the Work includes any currently recited claims, all described embodiments, and all claims supported by the Application; Assignor agrees not to contest or disparage the scope of such claims deemed patentable by any government patent office, whether such claims are prosecuted in this or in related applications. Assignor also agrees not to challenge the validity, including as a defense to patent infringement, of any issued patent claims resulting from or based on the Work, regardless of the scope of any such claims.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate to said ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries.

AND ASSIGNOR DOES HEREBY agree that if any term or provision of this agreement becomes invalid or unenforceable, the remainder shall survive unaffected.

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: FTSA.472APC

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Title: MULTI-ANTENNA WIRELESS COMMUNICATION DEVICE, METHOD FOR CONTROLLING SUCH A DEVICE

Inventors: Dinh Thuy Phan Huy, Philippe Ratajczak, Dominique Barthel

Legal Name of Inventor: Dinh Thuy Phan Huy

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

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PATENT

REEL: 065605 FRAME: 0848

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: FTSA.472APC

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Title: MULTI-ANTENNA WIRELESS COMMUNICATION DEVICE, METHOD FOR
CONTROLLING SUCH A DEVICE

Inventors: Dinh Thuy Phan Huy, Philippe Ratajczak, Dominique Barthel

Legal Name of Inventor: Philippe Ratajczak

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

Dayan Lambardi

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

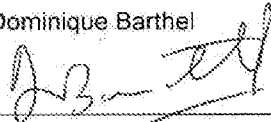
Docket No.: FTSA.472APC

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Title: MULTI-ANTENNA WIRELESS COMMUNICATION DEVICE, METHOD FOR CONTROLLING SUCH A DEVICE

Inventors: Dinh Thuy Phan Huy, Philippe Ratajczak, Dominique Barthel

Legal Name of Inventor: Dominique Barthel

Signature: 

Date: 

Witnessed by: _____

Witness Name (printed): 