505610422 08/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5657224

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RABIH CHRABIEH	08/07/2018

RECEIVING PARTY DATA

Name:	NESTWAVE SAS
Street Address:	6 RUE VICTOR CONSIDERANT
City:	PARIS
State/Country:	FRANCE
Postal Code:	75014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16534192

CORRESPONDENCE DATA

Fax Number: (650)424-0141

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.

650-331-8412 Phone: Email: tom@lumen.com

Correspondent Name: THOMAS J. MCFARLANE Address Line 1: 438 CAMBRIDGE AVE.

Address Line 2: **SUITE 225**

Address Line 4: PALO ALTO, CALIFORNIA 94306

ATTORNEY DOCKET NUMBER:	NSW-106B/US
NAME OF SUBMITTER:	THOMAS J. MCFARLANE
SIGNATURE:	/Thomas J. McFarlane/
DATE SIGNED:	08/07/2019

Total Attachments: 1

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PATENT REEL: 049989 FRAME: 0025

505610422

ASSIGNMENT OF INVENTION AND PATENT

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **August 7**, **2018**, by and between **Rabih Chrabieh**, an individual residing in **Paris**, **France**, (the "Assignor") and **Nestwave SAS**, an entity whose address is **6 Rue Victor Considerant**, **Paris 75014**, **France** (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/715535 filed 8/7/2018 entitled Indoor and outdoor geolocation and time of arrival estimation (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of August 7, 2018.

Signature:
Assignor: Rabih Chrabieh

RECORDED: 08/07/2019

Lumen Ref.: NSW-106/PROV2 PID: 25085 IID: 5976

PATENT REEL: 049989 FRAME: 0026