

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6660358

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABDERREZAK RACHEDI	12/22/2020
HAKIM BADIS	12/22/2020
RECEIVING PARTY DATA	
Name:	ECOLE NATIONALE DES PONTS ET CHAUSSEES
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16769822

CORRESPONDENCE DATA**Fax Number:** (908)654-7866

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: (908) 654-5000**Email:** assignment@lernerdavid.com**Correspondent Name:** LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP**Address Line 1:** 20 COMMERCE DR.**Address Line 4:** CRANFORD, NEW JERSEY 07016

ATTORNEY DOCKET NUMBER:	REGIM 3.3F-467
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NAME OF SUBMITTER:	LIZ SEMON
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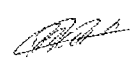
SIGNATURE:	/Liz Semon/
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DATE SIGNED:	04/16/2021
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Total Attachments: 2

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ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) REGIM 3.3F-467
<p>Whereas, I, <u>Abderrezak Rachedi</u> of <u>46 rue du Pin; 77177 Brou Sur Chantereine; FRANCE</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>Method And Assembly Allowing End-User Terminals To Exchange Over A Wireless Multi-Hop Communication Proximity Network With Dynamic Architecture</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>June 4, 2020</u> Application Number <u>16/769,822</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____ ,</p> <p><input checked="" type="checkbox"/> for which an International Application was filed on <u>December 4, 2018</u> , as <u>PCT/EP2018/083502</u> , designating the United States.</p> <p>And Whereas, Ecole Nationale Des Ponts Et Chaussees, a corporation of France herein referred to as "assignee" whose mailing address is Descartes Cite 6 Avenue Blaise Pascal; 77420 Champ Sur Marne; FRANCE; Chambre De Commerce Et D'industrie De Region Paris Ile De France, a corporation of France herein referred to as "assignee" whose mailing address is Cité Descartes 2 boulevard Blaise Pascal 93160 Noisy Le Grand FRANCE; Universite Gustave Eiffel a corporation of France herein referred to as "assignee" whose mailing address is Campus de Marne-la-Vallée, 5 Boulevard Descartes 77420 Champ Sur Marne FRANCE; and Centre National De La Recherche Scientifique (CNRS) a corporation of France herein referred to as "assignee" whose mailing address is 3, rue Michel Ange 75016 PARIS FRANCE</p> <p>are desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignees my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignees herein, as assignees of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignees.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>_____ Date: December 22, 2020</p> <p>_____ Witness</p> <p>_____ Typed Name of Witness</p> </div> <div style="width: 45%; text-align: center;"> <p>_____ Abderrezak Rachedi</p>  </div> </div>	
<input checked="" type="checkbox"/> *Total of <u>2</u> forms are submitted.	

LD-51A

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) REGIM 3.3F-467
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Whereas, I, Hakim Badis of
3 Square Léon Blum; 77100 Meaux; FRANCE
hereafter referred to as assignor, have with others invented certain new and useful improvements in
Method And Assembly Allowing End-User Terminals To Exchange Over A Wireless Multi-Hop
Communication Proximity Network With Dynamic Architecture

☒ for which an application for a United States Letters Patent was filed on June 4, 2020
Application Number 16/769,822

☐ for which an application for a United States Letters Patent was executed by me on _____ ,

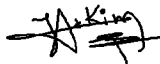
☒ for which an International Application was filed on December 4, 2018 , as
PCT/EP2018/083502 , designating the United States.

And
Whereas, **Ecole Nationale Des Ponts Et Chaussees**, a corporation of France herein referred to as as "assignee" whose
mailing address is Descartes Cite 6 Avenue Blaise Pascal; 77420 Champ Sur Marne; FRANCE;
Chambre De Commerce Et D'industrie De Region Paris Ile De France, a corporation of France herein
referred to as as "assignee" whose mailing address is Cité Descartes 2 boulevard Blaise Pascal 93160 Noisy
Le Grand FRANCE;
Universite Gustave Eiffel a corporation of France herein referred to as as "assignee" whose mailing
address is Campus de Marne-la-Vallée, 5 Boulevard Descartes 77420 Champ Sur Marne FRANCE; and
Centre National De La Recherche Scientifique (CNRS) a corporation of France herein refer
as "assignee" whose mailing address is 3, rue Michel Ange 75016 PARIS FRANCE

are desirous of acquiring the entire right, title and interest in the same;
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof

is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
assignees my entire right, title and interest for the United States of America and all other countries in and to said
invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue
applications and patents applied for or granted therefor in the United States of America and all other countries, for said
invention, including without limitation all applications and patents for said invention claiming priority or benefit of the
aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past
infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and
legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and
Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said
assignees herein, as assignees of the entire interest therein; and the undersigned for me and my legal representatives,
heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original,
divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments
thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the
undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal
proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful
oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees to obtain patent
protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by
said assignees.

December 22, 2020
Date


Hakim Badis

Witness

Typed Name of Witness

☒ *Total of 2 forms are submitted.

LD-515