505561298 07/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5608095

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENÉ TUTZAUER	08/01/2017
JACQUES PORE	07/20/2017
MARC BURIER	07/25/2017
AURÉLIE PORNIN	07/25/2017
FREDERIC LALLOYER	11/16/2018
HERVE COLLARD	11/23/2018

RECEIVING PARTY DATA

Name:	METROLAB
Street Address:	70 BIS RUE MADEMOISELLE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15547498

CORRESPONDENCE DATA

Fax Number: (831)576-8222

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: 8314268200

srocco@soquelgroup.com Email: SOQUEL GROUP, LLC **Correspondent Name:**

Address Line 1: P.O. BOX 2063

Address Line 4: SANTA CRUZ, CALIFORNIA 95063

ATTORNEY DOCKET NUMBER:	METRO.P001PCT/US
NAME OF SUBMITTER:	MARC A. BERGER
SIGNATURE:	/Marc A. Berger/
DATE SIGNED:	07/09/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 049693 FRAME: 0333

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Total Attachments: 6

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PATENT REEL: 049693 FRAME: 0334

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	Device for detecting faults in rails	by measuring impedance	
Attorney Docket No.:			
the attached ap		iven above and claiming priority of the p	aten
Country	Date	Application No.	
France	13/02/2015	15 51217	
United States A	Application or PCT International Appl	ication No.PCT/EP2015/062717, filed 8 ju	in

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and hereby sell and assign, to:

Name of Assignec: METROLAB

Address of Assignee: 70 bis rue Mademoiselle 75015 PARIS FRANCE

(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.

I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.

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«TITRE_DOSSIER_ETR»

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

DECLARATION

As a below-named inventor, I hereby 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.

Signature: Data	
Inventor: TÜTZAUER René	Date: 1/08/2017
Signature:	
Inventor: PORE Jacques	Date:
a:	
Signature:	
Inventor: BURIER Marc	Date:
Signature:	
Inventor: PORNIN Aurélie	Date: 25/07/17
inventor, FORMIN Autene	Date. 2
Signature:	
Inventor: LALLOYER Frédéric	Date:
Signature:	
Inventor: COLLARD Hervé	Date:

«TITRE_DOSSIER_ETR»

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DECLARATION

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Signature:	
Inventor: TÜTZAUER René	Date:
Signature:	
Inventor: PORE Jacques	Date: 2017-07-20
Signature:	
Inventor: BURIER Marc	Date:
Signature:	Date:
Signature:	
Inventor: LALLOYER Frédéric	Date: ,
Signature:	
Inventor COLLARD Heryd	Date

«TITRE DOSSIER ETR»

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Signature:	
Inventor: TÜTZAUER René	Date:
Signature:	
Inventor: PORE Jacques	Date:
Signature: Inventor: BURIER Mark Signature:	Date: 25 /07/ 2017
Inventor: PORNIN Aurélie	Date:
Signature:	
Inventor: LALLOYER Frédéric	Date:
Signature:	
Inventor: COLLARD Hervé	Date:

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Signature:	
Inventor: TÚTZAUER René	Date:
Signature:	
Inventor: PORE Jacques	Date:
Signature:	
Inventor: BURIER Marc	Date:
Signature:	
Inventor: PORNIN Aurélie	Date: ,
Signature:	1/1/200 10
Inventor: LALLOYER Frédéric	Date: 16/11/2018
Signature:	
Inventor: COLLARD Hervé	Date:

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Signature,	
Inventor; TÜTZAUER René	Date:
Signature:	
Inventor: PORE Jacques	Date:
Signature:	
Inventor: BURIER Marc	Date:
Signature:	
inventor: PORNIN Aurélie	Date:
Signature:	
Inventor: LALLOYER Frédéric	Date:
Signature:	
Inventor: COLLARD Hervé	Date: 23/11/2018
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