503316907 05/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3363525

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANGELO BACCARANI	05/19/2015

RECEIVING PARTY DATA

Name:	EMPIRIX INC.	
Street Address:	600 TECHNOLOGY PARK DRIVE	
City:	BILLERICA	
State/Country:	MASSACHUSETTS	
Postal Code:	01821	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14716220

CORRESPONDENCE DATA

Fax Number: (202)344-8300

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: VENABLE LLP

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ATTORNEY DOCKET NUMBER:	125489-374209
NAME OF SUBMITTER:	TODD RICHARD FARNSWORTH
SIGNATURE:	/TR Farnsworth/
DATE SIGNED:	05/21/2015

Total Attachments: 2

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PATENT 503316907 REEL: 035688 FRAME: 0526

WORLDWIDE ASSIGNMENT

WHEREAS INVENTOR Angelo Baccarani, residing at Viale Medaglie d'Oro 23, Modena, ITALY 41124, hereinafter referred to as Assignor, invented a certain improvement relating to METHOD AND APPARATUS TO DETERMINE NETQWORK QUALITY, set forth in a Patent application for Letters Patent of the United States, filed on May 19, 2015, and assigned U.S. Patent Application No. 14/716,220; and;

WHEREAS Empirix Inc. of 600 Technology Park Drive, Billerica, MA 01821, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said application(s), including any and all non-provisional, international, foreign (non-U.S.), divisional, and continuation applications thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues, and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells, and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the applications, and any patents which may be granted therefor, including any and all nonprovisional applications, divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said Assignee, and said Assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignor further hereby assigns, sells, and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title, and interest in all countries of the world, in and to the invention and in and to the applications and all patents which may be granted therefor, and all international applications, nonprovisional applications, national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain, and enforce proper patent protection for said invention.

Assignor hereby represents and warrants to Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles, and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title, and interest in and to the said inventions and applications for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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WORLDWIDE ASSIGNMENT: METHOD AND APPARATUS TO DETERMINE NETWORK QUALITY

Attorney Docket: 125489-374209

VENABLE LLR All practitioners at Customer Number 26694

IN WITNESS WHEREOF, Assignment to be executed.	each individual collectively referred to as Assignor has caused this
Dated this <u>19</u> day of	UAC/, 2015.
WITNESS:	ASSIGNOR:
Signature:	ASSIGNOR: Signature: Aughlo Cal Calon
Name:	Name: Angelo Baccarani Address: Viale Medaglie d'Oro 23
	Address: Viale Medaglie d'Oro 63
	Modena, ITALY 41124