

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5888724

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PATRICK GAMPP	10/23/2019
CHRISTIAN UHLE	10/16/2019
SASCHA DISCH	10/16/2019
ANTONIOS KARAMPOURNIOTIS	10/23/2019
JULIA HAVENSTEIN	10/25/2019
OLIVER HELLMUTH	10/24/2019
JUERGEN HERRE	10/31/2019
PETER PROKEIN	10/25/2019
RECEIVING PARTY DATA	
Name:	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Street Address:	HANSASTRASSE 27C
City:	MUENCHEN
State/Country:	GERMANY
Postal Code:	80686
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16586424
CORRESPONDENCE DATA	
Fax Number:	(416)920-1350
<i>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.</i>	
Email:	docketing@pckip.com
Correspondent Name:	PERRY + CURRIER INC.
Address Line 1:	1300 YONGE STREET
Address Line 2:	SUITE 500
Address Line 4:	TORONTO, ONTARIO M4T 1X3
ATTORNEY DOCKET NUMBER:	P8967US00
NAME OF SUBMITTER:	ZENAIDA BENGCO
SIGNATURE:	/Zenaida Bengco/

DATE SIGNED:	12/30/2019
Total Attachments: 10 source=P8967US00_Assignment#page1.tif source=P8967US00_Assignment#page2.tif source=P8967US00_Assignment#page3.tif source=P8967US00_Assignment#page4.tif source=P8967US00_Assignment#page5.tif source=P8967US00_Assignment#page6.tif source=P8967US00_Assignment#page7.tif source=P8967US00_Assignment#page8.tif source=P8967US00_Assignment#page9.tif source=P8967US00_Assignment#page10.tif	

WORLDWIDE ASSIGNMENT

WHEREAS, WE, (hereinafter referred to as the "ASSIGNORS"):

GAMPP, Patrick – Sieglitzhofer Str. 28, Erlangen, 91054, GERMANY

UHLE, Christian – Hoher Rain 28, Ursensollen, 92289, GERMANY

DISCH, Sascha - Wilhelmstrasse 70, Fuerth, 90766, GERMANY

**KARAMPOURNIOTIS, Antonios - Mendelstrasse 25, Nuernberg,
90429, GERMANY**

**HAVENSTEIN, Julia - Gostenhofer Hauptstrasse 58, Nuernberg,
90443, GERMANY**

HELLMUTH, Oliver - Am Ruhstein 29, Buckenhof, 91054, GERMANY

**HERRE, Juergen - Rathsberger Street 10a, Erlangen, 91054,
GERMANY**

PROKEIN, Peter - Walburgastrasse 13, Erlangen, 91056, GERMANY

have invented a an **APPARATUS AND METHOD FOR DETERMINING A
PREDETERMINED CHARACTERISTIC RELATED TO A SPECTRAL
ENHANCEMENT PROCESSING OF AN AUDIO SIGNAL** ("Invention") for which one or
more applications for patent, design registration, utility model registration, or other form of
protection, rights, or title have been or will be made in certain countries ("Applications"), as
further described below:

United States Patent Application No. 16/586424, Filed September 27, 2019

Canadian Patent Application No. _____, Filed _____

**AND WHEREAS, FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER
ANGEWANDTEN FORSCHUNG E.V.**, (hereinafter referred to as the "ASSIGNEE"), a
company organized under the laws of Germany, having a place of business at **Hansastrasse 27c,
Muenchen, 80686, GERMANY**, is desirous of acquiring the full and exclusive right, title and
interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto,
any and all priority rights derived from said Applications, and all patents, design registrations,
utility model registrations and other forms of protection, rights and titles relating to said
Invention, in any country or countries and in respect of the whole or any part or parts of or
improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are
hereby acknowledged, **ASSIGNORS** do hereby confirm that **ASSIGNORS** have transferred,

conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNORS's respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNORS do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNORS further agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNORS do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNORS do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNORS and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 23.10.19

P. Gampp
GAMPP, Patrick

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

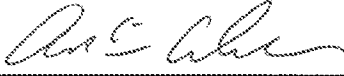
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 16.10.2009


UHLE, Christian

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 11/10/2013



DISCH Sascha

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)


hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 23-10-2019


KARAMPOURNIOTIS, Antonios

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

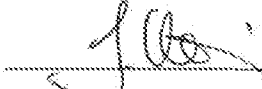
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 25.10.2019



HAVENSTEIN, Julia

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

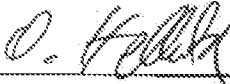
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 24.10.19


HELLMUTH, Oliver

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 31 Oct 2019


HERRE, Juergen

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 25.10.19



PROKEIN, Peter

STATEMENT BY WITNESS

I, _____, whose full Post Office address is

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: _____

(Signature of Witness)