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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5282660

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARKUS MULTRUS	10/23/2018
CHRISTIAN NEUKAM	10/25/2018
MARKUS SCHNELL	10/29/2018
BENJAMIN SCHUBERT	10/25/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16143716

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Address Line 4: ATLANTA, GEORGIA 30339

ATTORNEY DOCKET NUMBER:	251918-1380
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	12/13/2018

Total Attachments: 4

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Page 1 of 4 (Patent Assignment)

ASSIGNMENT OF UTILITY PATENT APPLICATION

WHEREAS, the following parties:

Name	<u>Address</u>
Markus MULTRUS	Etzlaubweg 7
	90469 Nürnberg
	DE
Christian NEUKAM	Weißgasse 24
	90562 Kalchreuth
	DE S
Markus SCHNELL	Labenwolfstr. 15
	90409 Nürnberg
	DE
Benjamin SCHUBERT	Zickstrasse 6
	90429 Nürnberg
	DE .

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

Audio Encoder for Encoding an Audio Signal, Method for Encoding an Audio Signal and Computer Program under Consideration of a Detected Peak Spectral Region in an Upper Frequency Band

which was:

	executed on even date herewith,	
\boxtimes	filed with the United States Patent and Trademark Office (USI	PTO) on
	September 27, 2018, and assigned Serial No. 16/143,716, and	
	further described in U.S. Provisional application entitled	, filed with the
	USPTO on and assigned Serial No.	

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., having a place of business at Hansastraße 27c, 80686 München, Germany, hereinafter referred to

Page 2 of 4 (Patent Assignment)

as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

IIS1b - 2016P58243WOUS - FH170403PUS - Docket No. 251918-1380

Page 3 of 4 (Patent Assignment)

Date: 13. 10. 10 18	Markus MULTRUS
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Date: <u>23,70,2078</u>	Witness (
Date: 23.40.18	Witness
Date: 25 10. 2018	Christian NEUKAM
Date: <u>77. 10. 2018</u>	Witness
	Witness

Date: 25-10.2018

IIS1b - 2016P58243WOUS - FH170403PUS - Docket No. 251918-1380

Page 4 of 4 (Patent Assignment)

Date:	\$29.10.201F	
		•••

Date: 29.10.2018

Date: 29.10,2018

Date: <u>UT. 10. 2018</u>

Date: 28.10. 1018

Date: 25/10/2019

Markus SCHNELL

Witness

Witness

Benjamin SCHUBERT

Witness

Witness

PATENT REEL: 047770 FRAME: 0734

RECORDED: 12/13/2018