

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frederik NAGEL</td> <td>02/28/2013</td> </tr> <tr> <td>Sascha DISCH</td> <td>02/28/2013</td> </tr> <tr> <td>Guillaume FUCHS</td> <td>02/27/2013</td> </tr> <tr> <td>Juergen HERRE</td> <td>03/06/2013</td> </tr> <tr> <td>Christian GRIEBEL</td> <td>02/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Frederik NAGEL	02/28/2013	Sascha DISCH	02/28/2013	Guillaume FUCHS	02/27/2013	Juergen HERRE	03/06/2013	Christian GRIEBEL	02/19/2013
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<table border="1"> <tr> <td>Name:</td> <td>Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.</td> </tr> <tr> <td>Street Address:</td> <td>Hansastrasse 27c</td> </tr> <tr> <td>City:</td> <td>Munich</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80686</td> </tr> </table>		Name:	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	Street Address:	Hansastrasse 27c	City:	Munich	State/Country:	GERMANY	Postal Code:	80686		
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CORRESPONDENCE DATA													
<p>Fax Number: 5713137421  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (571)313-7440        Email: mflorimonte@kbiplaw.com        Correspondent Name: Keating &amp; Bennett LLP        Address Line 1: 1800 Alexander Bell Dr.        Address Line 2: Suite 200        Address Line 4: Reston, VIRGINIA 20191-5465</p>													
ATTORNEY DOCKET NUMBER:	50501.448												
NAME OF SUBMITTER:	Maura Florimonte												

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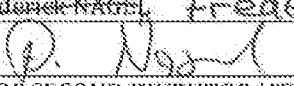
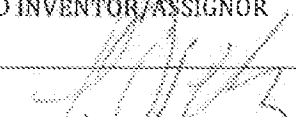
This document serves as an Oath/Declaration (37 CFR 1.63).

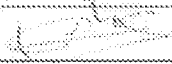
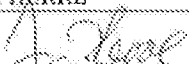
**Total Attachments: 2**

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## COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

Title	AUDIO ENCODER, METHOD FOR PROVIDING OUTPUT SIGNAL, BANDWIDTH EXTENSION DECODER, AND METHOD FOR PROVIDING BANDWIDTH EXTENDED AUDIO SIGNAL		
As a below named INVENTOR/ASSIGNOR, I hereby declare that:			
This declaration <input type="checkbox"/> The attached application, or			
is directed to: <input type="checkbox"/> United States application or PCT international application number _____			
filed on _____			
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.			
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.			
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.			
WHEREAS, <u>Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.</u>			
(hereinafter referred to as "ASSIGNEE") having places of business at: <u>Hansastraße 27c, 80686 Munich, Germany</u> , is desirous of acquiring the entire right, title, and interest in, to, and under said invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;			
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Arrangements.			
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;			
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention, and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAME OF FIRST INVENTOR/ASSIGNOR			
Inventor:	<del>Frederick NAGEL</del> <u>Frederik Nagel</u>	Date:	<u>28.2.2013</u>
Signature:			
LEGAL NAME OF SECOND INVENTOR/ASSIGNOR			
Inventor:	<u>Sascha DISCH</u>	Date:	<u>28.2.2013</u>
Signature:			

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: <u>Guillaume FUCHS</u>	Date: <u>27.02.2012</u>
Signature: 	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
Inventor: <u>Juergen HERRE</u>	Date: <u>03.2013</u>
Signature: 	
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	
Inventor: <u>Christian GRIEBEL</u>	Date: <u>19.02.2015</u>
Signature: 