

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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YUBIN GONG	11/03/2021
DAN TANG	11/01/2021
YANG YANG	11/03/2021
ZIJUN CHEN	11/03/2021
JIANGNAN FU	11/03/2021
YUAN GAO	11/01/2021
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17597395
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PATENT	

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ATTORNEY DOCKET NUMBER: PA288.0099

NAME OF SUBMITTER: YUE NI

SIGNATURE: /Yue Ni/

DATE SIGNED: 01/04/2022

Total Attachments: 2

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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

A method and device for generating synthetic vortex sound field with more mode number

for which I/WE executed an application for United States Letters Patent that was filed or will be filed in the United States Patent and Trademark Office; and

WHEREAS, **CHENGDU INSTITUTE OF BIOLOGY, CHINESE ACADEMY OF SCIENCES**, a corporation of CHINA, whose post office address is No. 9, Section 4, Renmin South Road, Chengdu, Sichuan 610041, China and **UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA**, a corporation of CHINA, whose post office address is No. 2006, Xiyuan Avenue, Hi-Tech Zone (West Zone), Chengdu, Sichuan 611731, China (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 17/597,395, filed January 4, 2022) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR JIANG, Haibo	ASSIGNOR'S SIGNATURE <i>JIANG, haibo</i>	DATE <i>2021.11.1</i>
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