

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHIMIN REN	11/19/2014
HENGCHIN YEYH	11/26/2014
MING LIN	02/20/2015
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Property Type	Number
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DATE SIGNED:	03/27/2015
Total Attachments: 5	
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PATENT

Atty. Docket No.: 421/302 PCT/US

ASSIGNMENT

WHEREAS, we, Zhimin Ren of San Francisco, California; Hengchin Yeh of Chapel Hill, North Carolina; and Ming Lin of Chapel Hill, North Carolina (hereinafter "Assignors"), have invented certain new and useful improvements in METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR SYNTHESIZING SOUNDS USING ESTIMATED MATERIAL PARAMETERS (hereinafter "Invention") for which application for a U.S. Patent was made on October 31, 2014 as Serial No. 14/398,368 (hereinafter "Application"), and claims priority to International Patent Application No. PCT/US2013/043643 filed May 31, 2013, which claims priority to U.S. Provisional Patent Application Serial No. 61/653,827 filed May 31, 2012.

AND, WHEREAS, The University of North Carolina at Chapel Hill, a non-profit organization located at Chapel Hill, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Application, and in and to any and all United States patent applications filed pursuant to 35 U.S.C. § 111(a) pertaining to said Invention and/or which claim priority to the United States provisional patent application referenced above, and in and to any and all foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions of any U.S. or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of the Application in all foreign countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or

national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. It is expressly agreed by both Assignors and Assignee that this Assignment fully conveys and transfers from Assignors to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess the unencumbered right and authority to make this Assignment.

Assignors further covenant and agree, and likewise binds their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Application, Patents, or Invention, including cooperating in any enforcement proceedings involving the Application, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 19th day of November 2014.



Zhimin Ren

Witnessed by:

Feng Ji 11/19/14
Name Date

Zhenghua Gao 11/19/2014
Name Date

Executed this _____ day of _____ 2014.

Hengchin Yeh

Witnessed by:

Name Date

Name Date

Executed this _____ day of _____ 2014.

Zhimin Ren

Witnessed by:

Zhimin Ren 26/11/2014
Name Date

Feng J. 26/11/2014
Name Date

Executed this 26 day of November 2014.

Hengchin Yeh

Witnessed by: -

[Signature] 26/11/2014
Name Date

Feng J. 26/11/2014
Name Date

Atty. Docket No. 421/302 PCT/US

Executed this 20th day of Feb 2014.

Ming Lin
Ming Lin

Witnessed by:

Weizai Li 02/20/2015
Name Date

Tetsuya Takahashi 02/20/2015
Name Date
