505238176 12/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM AURAND	11/12/2018

RECEIVING PARTY DATA

Name:	SONICS & MATERIALS, INC.	
Street Address:	53 CHURCH HILL ROAD	
City:	NEWTOWN	
State/Country:	CONNECTICUT	
Postal Code:	06470	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16200247

CORRESPONDENCE DATA

Fax Number: (203)687-4197

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.

Phone: 2032041260

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Correspondent Name: FORGE IP, PLLC

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Address Line 4: SHELTON, CONNECTICUT 06484

ATTORNEY DOCKET NUMBER:	02437-P0084A	
NAME OF SUBMITTER:	TODD M. OBERDICK	
SIGNATURE:	/Todd M. Oberdick/	
DATE SIGNED:	12/14/2018	

Total Attachments: 2 source=2061689#page1.tif source=2061689#page2.tif

PATENT 505238176 REEL: 047783 FRAME: 0113

Assignment

WHEREAS, I, William G. Aurand, have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled Hybrid Sealing Tool Having Multiple Seal Patterns;

WHEREAS, Sonics & Materials, Inc., a corporation organized and existing under the laws of the State of Delaware, and having an office and place of business at 53 Church Hill Road; Newtown, CT 06470, and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

NOW THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
- 5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application

PATENT REEL: 047783 FRAME: 0114 documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns, which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, I have hereunto set my hand and signed my name.

1935 Barrett Downs Dr. Cumming, GA 30040

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF GEORGIA : ss.
COUNTY OF : ss.
On 12 # Nov , 2017, before me ALTOKROR JUGNT
Notary Public, personally appeared William G. Aurand who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted. executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Connectical GA that the foregoing paragraph is true and correct.

WITNESS my hand and official seeds sowe NOTARY

PATENT **REEL: 047783 FRAME: 0115**

RECORDED: 12/14/2018