

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	FIONAN KEADY	10/06/2014
RECEIVING PARTY DATA		
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City:	LIMERICK	
State/Country:	IRELAND	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14813167
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DATE SIGNED:	07/30/2015	
Total Attachments: 2		
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ASSIGNMENT AND AGREEMENT

WHEREAS I/We, Fionan Keady residing at 97 Domroe Avenue, Woodhaven, Castletroy, Limerick, Ireland (the "Inventor(s)"), have invented a certain invention or inventions related to "SHAPED ECHOGENIC NEEDLE GROOVE" and being described in U.S. patent application No. 62/049,573 filed on September 12, 2014 and any and all applications claiming the benefit thereof including the right of priority, (the "Invention" or "Inventions") (I/We hereby consent to the patent attorney entering the serial number when it becomes known). *Domroe 06 Oct 14*

WHEREAS, the Inventor(s) acknowledges that any of my/our right, title, or interest in the Invention or Inventions aforementioned vest in Cook Ireland Limited, a corporation of the country of Ireland having an office at O'Halloran Road, National Technological Park, Limerick Ireland ("Assignee"), by virtue of employment or otherwise.

WHEREAS, to the extent that any of my/our right, title, or interest in the Invention or Inventions has not been transferred or assigned to Assignee by virtue of employment or otherwise, Inventor(s) desires to assign to Assignee all of my/our right, title, and interest in, to, or under the Invention or Inventions, and Assignee desires to accept such an assignment.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Inventor(s) hereby sells, assigns and transfers and does hereby confirm any previous contribution, assignment, and transfer, unto Assignee and its successors, assigns, and legal representatives all of my/our right, title and interest in the Invention or Inventions, all of my/our right, title, and interest in the Invention or Inventions being in the United States of America and all other countries and states of the world, and all the rights and privileges in said application and under any and all Letters Patent or any continuation, division, renewal, or substitute thereof, and any reissue or re-examination thereof that may be granted in the United States and in any country or state of the world for the Invention or Inventions (including, without limitation, all proceeds thereof and the rights to sue for past, present and future infringements). I/We sell, assign, and transfer all of my/our right, title and interest in the Invention or Inventions as of the day of signature or of filing of the first filed patent application for the Invention or Inventions, whichever is the earlier.

The Inventor(s) authorizes Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for the Invention or Inventions, without further authorization from me/us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The Inventor(s) hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document that may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for the Invention or Inventions and to claim the aforesaid benefit of the right of priority.

The Inventor(s) requests that any and all patents for the Invention or Inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

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The Inventor(s) agrees that, when requested, I/we shall, without charge to Assignee, but at their expense, sign all papers, take all rightful oaths, and do all acts that may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection for the Invention or Inventions.

Date: 06 Oct 2014

Fionan Keady
Fionan Keady, Inventor

Charles Green
Witness

Signed for and on behalf of
COOK IRELAND LIMITED,
This 14 day of Oct, 2014

William Doherty
William Doherty, Managing Director

Charles Green
Witness