

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEREMY BROWN	03/07/2011
ROBERT ADAMSON	03/07/2011
ZAHRA TORBATIAN	03/10/2011
MANOHAR BANCE	03/15/2011
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14712698
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<b>NAME OF SUBMITTER:</b>	RALPH A. DOWELL
<b>SIGNATURE:</b>	/Ralph A Dowell/
<b>DATE SIGNED:</b>	05/14/2015
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Dalhousie University, a Canada corporation, having a place of business at 1379 Seymour Street, Halifax, NS Canada B3H 3M5 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- International Application No. PCT/IB2011/000430, entitled "ULTRASOUND IMAGING SYSTEM USING BEAMFORMING TECHNIQUES FOR PHASE COHERENCE GRATING LOBE SUPPRESSION," filed on February 8, 2011, which claims priority from US provisional application No. 61/302,242, filed on February 8, 2010.

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.


INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: Ultrasound Imaging System Using Beamforming Techniques For Phase  
Coherence Grating Lobe Suppression  
Filed: February 8, 2011  
Application No.: PCT/IB2011/000435

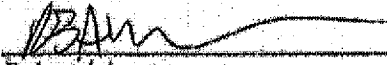
hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature \_\_\_\_\_  
  
Jeremy Brown

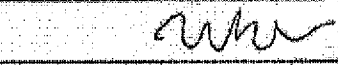
Date of Signature \_\_\_\_\_  
March 7, 2011

Name and Signature \_\_\_\_\_  
  
Robert Adamson

Date of Signature \_\_\_\_\_  
Mar. 7<sup>th</sup>, 2011

Name and Signature \_\_\_\_\_  
  
Zahra Torbatian

Date of Signature \_\_\_\_\_  
10.03, 2011

Name and Signature \_\_\_\_\_  
  
Manohar Bance

Date of Signature \_\_\_\_\_  
10/03, 2011