

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4683947

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW MICHAEL ROACH	10/25/2017
DAVID PATRICK CALDER	10/25/2017
GRAHAM FRANK HOWARTH	10/26/2017
RECEIVING PARTY DATA	
Name:	MRA SYSTEMS, LLC
Street Address:	103 CHESAPEAKE PARK PLAZA
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21220
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15442158
CORRESPONDENCE DATA	
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<i>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.</i>	
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Correspondent Name:	MCGARRY BAIR PC
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ATTORNEY DOCKET NUMBER:	317459/71966-0492
NAME OF SUBMITTER:	SARA L. HAAS
SIGNATURE:	/Sara L. Haas/
DATE SIGNED:	11/10/2017
Total Attachments: 5	
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COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

ACOUSTIC LINER HAVING MULTIPLE LAYERS

- the specification of which is attached hereto OR
- United States application or PCT international application number
15/442,158 filed on February 24, 2017, as
amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to
insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable
under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application,
including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this
application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material
information which became available between the filing date of the prior application and the filing
date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information
Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the
Services Agreement between MRA Systems, Inc., our employers), and/or for other good and
valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Andrew	Michael	Roach	of	Aberdeen	MD	US
David	Patrick	Calder	of	Baltimore	MD	US
Graham	Frank	Howarth	of	Middletown	DE	US

v9.18.12

hereby sell and assign to:

Name of Company: MRA Systems, LLC
Entity Type (optional):
Address: 103 Chesapeake Park Plaza, Baltimore, Maryland 21220 USA

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: Andrew Michael Roach
Andrew Michael Roach

Date: 10/25/2017

Witnessed by: Orzimala Maciej
Signature

Date: 10/25/2017

ORZIMALA MACIEJ
Printed Name of Witness

Witnessed by: Gajbinski Maciej
Signature

Date: 10/25/17

GAJBINSKI MACIEJ
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

_____ Date: _____

Andrew Michael Roach

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Andrew Michael Roach, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 2

Signature: *David Patrick Calder*
David Patrick Calder

Date: 10-25-17

Witnessed by: *Orzymala Maciej*
Signature

Date: 10/25/17

ORZYMALA MACIEJ
Printed Name of Witness

Witnessed by: *Gajewski Maciej*
Signature

Date: 10/25/17

GAJEWSKI MACIEJ
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

_____ Date: _____

David Patrick Calder

STATE OF

ss.

COUNTY OF

This _____ day of _____ before me personally came the above-named David Patrick Calder, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 3

Signature: Graham Frank Howarth
Graham Frank Howarth

Date: 10/26/17

Witnessed by: LEROY EDWIN WARNER
Signature

Date: 10/26/17

LEROY EDWIN WARNER
Printed Name of Witness

Witnessed by: BENJAMIN SCOTT LEACH
Signature

Date: 10/26/17

BENJAMIN SCOTT LEACH
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

_____ Date: _____

Graham Frank Howarth

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Graham Frank Howarth**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)