

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5482379

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TELEDYNE INSTRUMENTS, INC.	10/03/2016
RECEIVING PARTY DATA		
Name:	TELEDYNE RESON A/S	
Street Address:	1049 CAMINO DOS RIOS	
City:	THOUSAND OAKS	
State/Country:	CALIFORNIA	
Postal Code:	91360	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16265500
CORRESPONDENCE DATA		
Fax Number:	(949)760-9502	
<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>		
Phone:	(949) 760-0404	
Email:	efiling@knobbe.com	
Correspondent Name:	KNOBBE MARTENS OLSON & BEAR LLP	
Address Line 1:	2040 MAIN STREET	
Address Line 2:	14TH FLOOR	
Address Line 4:	IRVINE, CALIFORNIA 92614	
ATTORNEY DOCKET NUMBER:	TBV.001C2	
NAME OF SUBMITTER:	JOHN M. CARSON	
SIGNATURE:	/John M. Carson/	
DATE SIGNED:	04/18/2019	
Total Attachments: 4		
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CONFIRMATORY PATENT ASSIGNMENT

THIS CONFIRMATORY PATENT ASSIGNMENT (this "**Assignment**") between **Teledyne Instruments, Inc.**, a Delaware corporation ("**Assignor**"), and **Teledyne RESON A/S**, a company organized under the laws of Denmark ("**Assignee**"), is effective as of the date it was executed by Assignor and Assignee (the "**Effective Date**").

WHEREAS, Assignor and Assignee are, among others, parties to that certain Asset Purchase and Sale Agreement executed on or about the Effective Date (the "**Purchase Agreement**"); and

WHEREAS, pursuant to the terms of the Purchase Agreement, Assignor sold, transferred, assigned, conveyed, set over and delivered to Assignee, among other assets, certain patents and patent applications of Assignor, and has agreed to execute and deliver this Assignment to Assignee for recording with governmental authorities including, but not limited to, the US Patent and Trademark Office.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree, intending to be legally bound, as follows:

1. Assignor hereby confirms that it has sold, transferred, assigned, conveyed, set over and delivered, and if the Purchase Agreement was insufficient in that regard hereby sells, transfers, assigns, conveys, sets over and delivers, to Assignee, its successors and assigns, and Assignee confirms that it has accepted and hereby accepts, all of Assignor's rights, title and interests in and to the following (the "**Assigned Patents**"):

(a) the patents and patent applications set forth on Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof;

(b) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on and/or after the Effective Date, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but not the obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the proper officials of all other countries to record this Assignment upon request of Assignee. At Assignee's cost and expense, Assignor shall take such steps and actions following the Effective Date, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned Patents are assigned to Assignee, or any assignee or successor thereto.

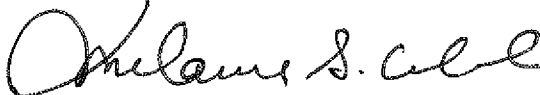
3. All representations, warranties, covenants and indemnities of Assignor relating to the Assigned Patents are set forth in the Purchase Agreement.

[signature page follows]

SIGNATURE PAGE TO CONFIRMATORY PATENT ASSIGNMENT


IN WITNESS WHEREOF, Assignor has executed this Assignment on this 3rd
day of October, 2016.

TELEDYNE INSTRUMENTS, INC.

By: 
Name: Melanie S. Cibik
Title: Senior Vice President, General Counsel,
Chief Compliance Officer and Secretary

ACKNOWLEDGED AND ACCEPTED:

TELEDYNE RESON A/S

By: 
Name: Susan L. Main
Title: Director

SCHEDULE 1
To
Confirmatory Patent Assignment

<u><i>Country - Region - Type</i></u>	<u><i>Patent - Publication - Application No(s).</i></u>	<u><i>Title</i></u>
U.S.A.	Pat. RE45379 App. 13/069321	Frequency Division Beamforming For Sonar Arrays
U.S.A.	Pat. 8811120 App. 10/889406	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
U.S.A.	Pat 7606114 App. 12/030043	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
U.S.A.	Pat 8964507 App. 12/2551974	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
Australia	Pat. 2004258175 App. 2004258175	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
Canada	Pat. 2530290 App. 2530290	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
Korea, Republic of	Pat. 1108966 App. 2006-7000742	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
Singapore	Pat. 118698 App. 200508588	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
Europe	(Pending) App. 04778076.2	Systems and Methods Implementing Frequency-Steered Acoustic Arrays for 2D and 3D Imaging
U.S.A.	Pat 7542376 App. 11/829822	Vessel-Mountable Sonar Systems
U.S.A.	Pat 7889600 App. 12/476199	Sonar Systems
U.S.A.	Pat 8638362 App. 12/125025	Acoustic Video Camera and Systems Incorporating Acoustic Video Cameras
U.S.A.	(Pending) App. 13/734867	Use of multi-beam sonar systems to generate point cloud data and models; data registration in underwater metrology applications