

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4184718

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADRIAN BOYLE	12/09/2016
MICHAEL FLYNN	12/09/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATHX RESEARCH LTD.
<b>Street Address:</b>	D3, M7 BUSINESS PARK
<b>City:</b>	NEWHALL, NAAS, COUNTY KILDARE
<b>State/Country:</b>	IRELAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14436868
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)238-7251
<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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<b>Correspondent Name:</b>	HAUKAAS FORTIUS PLLC
<b>Address Line 1:</b>	5100 EDEN AVE.
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<b>ATTORNEY DOCKET NUMBER:</b>	127.001US1
<b>NAME OF SUBMITTER:</b>	MICHAEL HAUKAAS
<b>SIGNATURE:</b>	/ Michael Haukaas /
<b>DATE SIGNED:</b>	12/14/2016
<b>Total Attachments: 2</b>	
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source=P113822US00 (127.001US1) Assignment - Signed#page2.tif	

**ASSIGNMENT**

WHEREAS, We/I,

- **Adrian BOYLE**, a citizen of Ireland and residing at Knavinstown, Kildare, County Kildare, Ireland; and
- **Michael FLYNN**, a citizen of Ireland and residing at Moatefield, Athy, County Kildare, Ireland

have made certain new and useful inventions and certain improvements as described and set forth below:

Whereas, Cathx Research Ltd., organized under the laws of Ireland and having a place of business at D3, M7 Business Park, Newhall, Naas, County Kildare, Ireland (hereinafter referred to as "ASSIGNEE"), desires to acquire my/our entire right, title, and interest to said invention and to any United States and foreign patents to be obtained therefore;

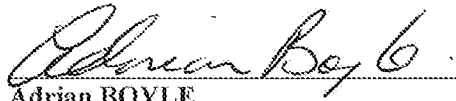
Now therefore, in exchange for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/WE, the undersigned inventors, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, my/our entire right, title and interest in the invention entitled

**IMPROVEMENTS IN RELATION TO UNDERWATER IMAGING  
FOR UNDERWATER SURVEYS**


and described in U.S. Application No. 14/436,868, filed April 17, 2015, under 35 U.S.C 371 corresponding to PCT International Application No. PCT/EP2013/071804, which was filed October 17, 2013, claiming priority from United Kingdom Application Nos. GB1218630.0, GB1218644.1 and GB1218648.2 all filed October 17, 2012, and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said PCT and United States patent applications. I/We request the Commissioner of Patents issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and I/We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I/We do hereby agree that upon request and without further consideration I/We and our respective executors and legal representatives will communicate to ASSIGNEE or its representatives or nominees any facts known to Me/Us respecting said improvements and testify in any legal proceedings, sign and deliver all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

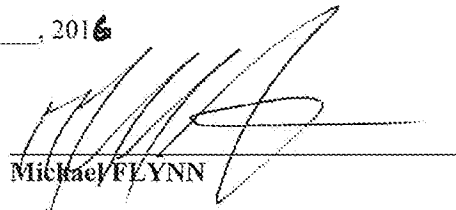
IN TESTIMONY WHEREOF, I, **Adrian BOYLE**, have caused this ASSIGNMENT to be signed this  
9 day of December, 2016.

  
Adrian BOYLE

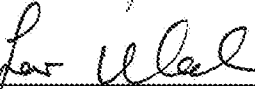
Witnessed by:

Signature:   
Print Name: LAR UNSLOWE

IN TESTIMONY WHEREOF, I, **Michael FLYNN**, have caused this ASSIGNMENT to be signed this  
9 day of December, 2016

  
Michael FLYNN

Witnessed by:

Signature:   
Print Name: LAR UNSLOWE