

## 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>
SIMON CAWTHORNE	01/20/2017
EDWARD SPOONER	01/25/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OPENHYDRO IP LIMITED
<b>Street Address:</b>	SOUTH DOCK HOUSE
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<b>City:</b>	DUBLIN
<b>State/Country:</b>	IRELAND
<b>Postal Code:</b>	2
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14437682
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	FRK-024410 US PCT
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER P. HARRIS
<b>SIGNATURE:</b>	/Christopher P Harris/
<b>DATE SIGNED:</b>	01/26/2017
<b>Total Attachments: 2</b>	
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source=024410Assignment#page2.tif	

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, Openhydro IP Limited, a corporation organized and existing under the laws of the Country of Ireland, with a place of business at South Dock House, Hanover Quay Dublin 2, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said Openhydro IP Limited, its successors and assigns, my/our entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Openhydro IP Limited, as assignee of my entire right, title and interest.

I also hereby sell and assign to Openhydro IP Limited, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said Openhydro IP Limited, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Openhydro IP Limited, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I hereby further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year,

TITLE	ELECTRICAL MACHINE		
NONPROVISIONAL APPLICATION NO.	14/437682	FILING DATE	22 April 2015

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Simon Cawthorne
DATE	20-07-2017
RESIDENCE (CITY AND STATE)	Carlingford, Ireland

ASSIGNMENT

DOCKET NO. FRK-024410 US PCT

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Edward Spooner
DATE	25/1/2017
RESIDENCE (CITY AND STATE)	Durham, United Kingdom