

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3181033

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TERRAN AMBROSE BARBER	01/12/2015
JOHN HOWARD TUBB	12/16/2014
GEOFFREY PAUL CATHCART	12/17/2014
ROBERT WALTER FREW	01/03/2015
DONALD ANDREW RAILTON	12/16/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ORBITAL AUSTRALIA PTY LTD
<b>Street Address:</b>	4 WHIPPLE STREET
<b>City:</b>	BALCATT
<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	6021
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14406507
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)731-2509
<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>	
<b>Email:</b>	chjew@csziplaw.com
<b>Correspondent Name:</b>	CHARLES H JEW
<b>Address Line 1:</b>	236 W. PORTAL AVE. #533
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94127
<b>ATTORNEY DOCKET NUMBER:</b>	WM1043US
<b>NAME OF SUBMITTER:</b>	CHARLES H JEW
<b>SIGNATURE:</b>	/chj/
<b>DATE SIGNED:</b>	01/13/2015
<b>Total Attachments: 5</b>	
source=BarberAssignment#page1.tif	
source=TubbAssignment#page1.tif	

source=CathcartSignedAssignment#page1.tif

source=FrewSignedAssignment#page1.tif

source=RailtonAssignment#page1.tif

## ASSIGNMENT

WHEREAS, Terran Ambrose Barber, has invented certain new and useful improvements in "UAV Engine Lubrication System Incorporating an Electric Oil Pump and Lubrication Oil Heating Capability" which an application is being made for a Patent of the United States, said application accorded application number 14/406,507; and

Whereas, Orbital Australia Pty Ltd a proprietary limited company organized and existing under the laws of the country of Australia and having its principal offices at 4 Whipple Street, Balcatta WA Australia 6021 is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained thereof;

Now, therefore, for good and valuable consideration to me paid by the said Orbital Australia Pty Ltd., the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Orbital Australia Pty Ltd, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my rights under any and all international conventions, treaties/or agreements concerning patents to which the United States is a party, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

I further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I do hereby covenant and agree with the said assignee, its successors and assigns, that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 12/1/2015

  
Terran Ambrose Barber

## ASSIGNMENT

WHEREAS, John Howard Tubb, has invented certain new and useful improvements in "UAV Engine Lubrication System Incorporating an Electric Oil Pump and Lubrication Oil Heating Capability" which an application is being made for a Patent of the United States, said application accorded application number 14/406,507; and

Whereas, Orbital Australia Pty Ltd a proprietary limited company organized and existing under the laws of the country of Australia and having its principal offices at 4 Whipple Street, Balcatta WA Australia 6021 is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained thereof;

Now, therefore, for good and valuable consideration to me paid by the said Orbital Australia Pty Ltd., the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Orbital Australia Pty Ltd, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my rights under any and all international conventions, treaties/or agreements concerning patents to which the United States is a party, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

I further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I do hereby covenant and agree with the said assignee, its successors and assigns, that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 16 Dec 2014

  
\_\_\_\_\_  
John Howard Tubb

## ASSIGNMENT

WHEREAS, Geoffrey Paul Cathcart, has invented certain new and useful improvements in "UAV Engine Lubrication System Incorporating an Electric Oil Pump and Lubrication Oil Heating Capability" which an application is being made for a Patent of the United States, said application accorded application number 14/406,507; and

Whereas, Orbital Australia Pty Ltd a proprietary limited company organized and existing under the laws of the country of Australia and having its principal offices at 4 Whipple Street, Balcatta WA Australia 6021 is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained thereof;

Now, therefore, for good and valuable consideration to me paid by the said Orbital Australia Pty Ltd., the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Orbital Australia Pty Ltd, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my rights under any and all international conventions, treaties/or agreements concerning patents to which the United States is a party, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

I further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I do hereby covenant and agree with the said assignee, its successors and assigns, that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 17/12/14

  
Geoffrey Paul Cathcart

ASSIGNMENT

WHEREAS, Robert Walter Frew, has invented certain new and useful improvements in "UAV Engine Lubrication System Incorporating an Electric Oil Pump and Lubrication Oil Heating Capability" which an application is being made for a Patent of the United States, said application accorded application number 14/406,507; and

Whereas, Orbital Australia Pty Ltd a proprietary limited company organized and existing under the laws of the country of Australia and having its principal offices at 4 Whipple Street, Balcatta WA Australia 6021 is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained thereof;

Now, therefore, for good and valuable consideration to me paid by the said Orbital Australia Pty Ltd., the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Orbital Australia Pty Ltd, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my rights under any and all international conventions, treaties/or agreements concerning patents to which the United States is a party, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

I further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I do hereby covenant and agree with the said assignee, its successors and assigns, that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 3.1.15



Robert Walter Frew

## ASSIGNMENT

WHEREAS, Donald Andrew Railton, has invented certain new and useful improvements in "UAV Engine Lubrication System Incorporating an Electric Oil Pump and Lubrication Oil Heating Capability" which an application is being made for a Patent of the United States, said application accorded application number 14/406,507; and

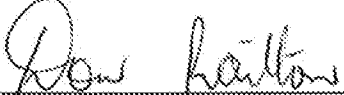
Whereas, Orbital Australia Pty Ltd a proprietary limited company organized and existing under the laws of the country of Australia and having its principal offices at 4 Whipple Street, Balcatta WA Australia 6021 is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained thereof;

Now, therefore, for good and valuable consideration to me paid by the said Orbital Australia Pty Ltd., the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Orbital Australia Pty Ltd, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of my rights under any and all international conventions, treaties/or agreements concerning patents to which the United States is a party, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

I further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

I do hereby covenant and agree with the said assignee, its successors and assigns, that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 16 dec 2014

  
\_\_\_\_\_  
Donald Andrew Railton