

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3400332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HANS JUERGEN WALITZKI	06/15/2015
ISAIAH W. COX	04/21/2015
JONATHAN SIDNEY EDELSON	05/05/2015
RECEIVING PARTY DATA	
Name:	BOREALIS TECHNICAL LIMITED
Street Address:	43/1 MAIN ST
City:	GIBRALTAR
State/Country:	GIBRALTAR
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	8220740
Patent Number:	8820675
Application Number:	61002079
Application Number:	60998635
CORRESPONDENCE DATA	
Fax Number:	(503)296-2163
<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:	503-621-3286
Email:	patent@borealis.com
Correspondent Name:	BOREALIS TECHNICAL LIMITED
Address Line 1:	23545 NW SKYLINE BLVD
Address Line 4:	NORTH PLAINS, OREGON 97133-9204
ATTORNEY DOCKET NUMBER:	12164
NAME OF SUBMITTER:	DINA BRESLOW
SIGNATURE:	/DinaBreslow/
DATE SIGNED:	06/17/2015
Total Attachments: 10	
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source=Isaiah_W_Cox_Assignment_12140_12141_12154_12156_12157_12158_12164_12166_12168#page1.tif
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source=Jonathan_S_Edelson_Assignment_12141_12142_12148_12154_12156_12157_12164_12165#page1.tif
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ASSIGNMENT

WHEREAS, I, Hans Juergen Walitzki, of 7482 SW St. John Place, Portland, OR (hereinafter "ASSIGNOR") am a sole or joint inventor and have invented certain new and useful improvements in the invention(s) described in APPENDIX A attached hereto; and

WHEREAS, Borealis Technical Limited, Gibraltar Company Number 57884, a corporation organized and existing under the laws of Gibraltar, and having offices at 43/1 Main St, Gibraltar and at 23545 NW Skyline Blvd, North Plains, OR 97133 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said invention(s) and in any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

WHEREAS, the ASSIGNOR and the ASSIGNEE are each duly authorized and capable of entering into this Assignment;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention for the Protection of Industrial Property and other relevant International Treaties and Arrangements from the aforesaid inventions and application(s) set forth in Appendix A) and the entire right, title and interest in and to all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions, and renewals thereof.

I hereby authorize and request Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, and assigns to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

In witness whereof, executed by the undersigned on the date(s) above the undersigned name(s).

Date 6/15/2015

Inventor Signature Hans Walitzki

Inventor typed or printed name Dr. Hans Walitzki

On this 15 day of June, 2015, before me, personally appeared the above Inventor, known to me to be the person of that name, who signed the foregoing document, and acknowledged the same to be of his/her free act and deed.

(Notary Seal)

This assignment should preferably be signed before:

(a) a Notary Public if within the U.S.A.

(b) a U.S. Consul if outside the U.S.A.

If neither, then it should be signed before at least two witnesses who also sign here:

Date 6/15/2015

Witness signature Adam Skarbonkiewicz

Witness typed or printed name ADAM SKARBONKIEWICZ

Witness address:

7474 SW Saint John PL
PORTLAND, OR 97223

Date 6-15-15

Witness signature Carl Faulkner

Witness typed or printed name Carl Faulkner

Witness address:

P.O. Box 4804
Seattle, WA 98194

APPENDIX A

Title of Invention	Patent or Application No.	Filing Date	Docket #
Thermionic/Thermotunneling Thermoelectric Converter Devices	61/553,063	10-28-2011	12202.PR.V
THERMOELECTRIC CONVERTER DEVICES	13/662,507	10-28-2012	12202.US
THERMOELECTRIC CONVERTER DEVICES	PCT/US13/67151	10-28-2013	12202.US.PCT
Drive System with Harmonic Drive for Self-Propelled Aircraft Wheel	61/513,446	07-29-2011	12196.PR.V
Drive System with Harmonic Drive for Self-Propelled Aircraft Wheel	13/561,066	07-29-2012	12196.US
COMPOSITE STRUCTURE GAP-DIODE THERMOPOWER GENERATOR OR HEAT PUMP	60/994,999	09-24-2007	12162.PR.V
COMPOSITE STRUCTURE GAP-DIODE THERMOPOWER GENERATOR OR HEAT PUMP	12/284,771	09-24-2008	12162.US
MONOLITHIC THERMIONIC CONVERTER	60/995,000	09-24-2007	12163.PR.V
MONOLITHIC THERMIONIC CONVERTER	12/284,772	09-24-2008	12163.US
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	60/998,635	10/12/07	12164.PR.V
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	61/002,079	11-06-2007	12164.PR.V2
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	12/291,257	11-06-2008	12164.US
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	13/549,520	07-16-2012	12164.US.DIV
INTEGRATED DIRECT DRIVE STARTER/GENERATOR FOR TURBINES	61/002,060	11-06-2007	12165.PR.V
INTEGRATED DIRECT DRIVE STARTER/GENERATOR FOR TURBINES	12/291,258	11-06-2008	12165.US
INTEGRATED DIRECT DRIVE STARTER/GENERATOR FOR TURBINES	13/436,967	04-01-2012	12165.US.DIV
Motor using magnetic normal force	60/993,412	09-11-2007	12136.PR.V3
Motor using magnetic normal force	12/283,379	09-11-2008	12136.US3.CIP

ASSIGNMENT

WHEREAS, I, Isaiah W. Cox, of, 27 Heathway Court Finchley Road/West Heath Road, London Hempstead, NW3 7TS(hereinafter "ASSIGNOR") am a sole or joint inventor and have invented certain new and useful improvements in the invention(s) described in APPENDIX A attached hereto; and

WHEREAS, Borealis Technical Limited, Gibraltar Company Number 57884, a corporation organized and existing under the laws of Gibraltar, and having offices at 43/1 Main St, Gibraltar (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said invention(s) and in any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

WHEREAS, the ASSIGNOR and the ASSIGNEE are each duly authorized and capable of entering into this Assignment;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention for the Protection of Industrial Property and other relevant International Treaties and Arrangements from the aforesaid inventions and application(s) set forth in Appendix A) and the entire right, title and interest in and to all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions, and renewals thereof.

I hereby authorize and request Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, and assigns to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

In witness whereof, executed by the undersigned on the date(s) above the undersigned name(s).

Date 21 April 2015

Inventor Signature _____

Inventor typed or printed name ISAIAH W Cox

On this ____ day of _____, 201__, before me, personally appeared the above Inventor, known to me to be the person of that name, who signed the foregoing document, and acknowledged the same to be of his/her free act and deed.

(Notary Seal)

This assignment should preferably be signed before:

(a) a Notary Public if within the U.S.A.

(b) a U.S. Consul if outside the U.S.A.

If neither, then it should be signed before at least two witnesses who also sign here:

Date 21 April 2015

Witness signature [Signature]

Witness typed or printed name Noahom Cox

Witness address:

27 Heatherdown Ct

London

NW37TS

Date 21/APRIL/2015

Witness signature M. Kanver

Witness typed or printed name Margaret N. Kanver

Witness address:

831, Corktree Rd

Baltimore MD

21220

APPENDIX A

Title of Invention	Patent or Application No.	Filing Date	Docket #
APPARATUS FOR FACILITATING TIRE VALVE STEM ACCESS IN SELF PROPELLED AIRCRAFT UNDERCARRIAGE	61/127,020	05/08/08	12168.PRV
APPARATUS FOR FACILITATING TIRE VALVE STEM ACCESS IN SELF PROPELLED AIRCRAFT UNDERCARRIAGE	12/387,865	05-08-2009	12168.US
Wheel motor cooling	61/008,283	12-18-2007	12166.PRV
Wheel motor cooling	12/316,957	12-17-2008	12166.US
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	60/998,635	10/12/07	12164.PRV
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	61/002,079	11-06-2007	12164.PRV2
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	12/291,257	11-06-2008	12164.US
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	13/549,520	07-16-2012	12164.US.DIV
Apparatus for voice communication between persons inside and persons outside an aircraft	60/961,940	07-24-2007	12158.PRV
Apparatus for voice communication between persons inside and persons outside an aircraft	12/220,597	07-24-2008	12158.US
Apparatus for voice communication between persons inside and persons outside an aircraft	813392.8	07-22-2008	12158.US.GB
APPARATUS FOR CONTROLLING AIRCRAFT GROUND MOVEMENT	60/958,602	07-05-2007	12157.PRV
APPARATUS FOR CONTROLLING AIRCRAFT GROUND MOVEMENT	12/217,635	07-07-2008	12157.US
APPARATUS FOR CONTROLLING AIRCRAFT GROUND MOVEMENT	GB0812376.2	07/05/08	12157.US.GB
Apparatus for controlling aircraft parking brakes	60/958,601	07-05-2007	12156.PRV
Apparatus for controlling aircraft parking brakes	12/217,358	07/03/08	12156.US
Apparatus for controlling aircraft parking brakes	GB0812376.2	07/05/08	12156.US.GB
Aeroplane mass assessment	60/900,601	02-09-2007	12154.PRV
Aircraft weight estimation method	12/069,614	02-11-2008	12154.US
SYSTEM FOR MINIMIZATION OF AIRCRAFT DAMAGE ON COLLISION	GB0617068.2	08-30-2006	12141.GB.PRV
SYSTEM FOR MINIMIZATION OF AIRCRAFT DAMAGE ON COLLISION	11/899,001	08-29-2007	12141.GB.US

SELF-PROPELLED UNDERCARRIAGE WHEEL HAVING A LOW PROFILE TIRE	GB0616985.8	08-29-2006	12140.GB.PRIV
SELF-PROPELLED UNDERCARRIAGE WHEEL HAVING A LOW PROFILE TIRE	12/310,609	02-27-2009	12140.GB.PCT.US
SELF-PROPELLED UNDERCARRIAGE WHEEL HAVING A LOW PROFILE TIRE	GB0905409.9	08-29-07	12140.GB.PCT.GB
SELF-PROPELLED UNDERCARRIAGE WHEEL HAVING A LOW PROFILE TIRE	PCT/US07/19053	08-29-2007	12140.GB.PCT

ASSIGNMENT

WHEREAS, I, Jonathan Sidney Edelson, of 2425 SW Nebraska St. Portland, OR 97235 (hereinafter "ASSIGNOR") am a sole or joint inventor and have invented certain new and useful improvements in the invention(s) described in APPENDIX A attached hereto; and

WHEREAS, Borealis Technical Limited, Gibraltar Company Number 57884, a corporation organized and existing under the laws of Gibraltar, and having offices at 43/1 Main St, Gibraltar (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said invention(s) and in any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

WHEREAS, the ASSIGNOR and the ASSIGNEE are each duly authorized and capable of entering into this Assignment;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention for the Protection of Industrial Property and other relevant International Treaties and Arrangements from the aforesaid inventions and application(s) set forth in Appendix A) and the entire right, title and interest in and to all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions, and renewals thereof.

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In witness whereof, executed by the undersigned on the date(s) above the undersigned name(s).

Date 5 May 2015

Inventor Signature [Signature]

Inventor typed or printed name Jonathan Sidney Edelson

On this ___ day of _____, 201__, before me, personally appeared the above Inventor, known to me to be the person of that name, who signed the foregoing document, and acknowledged the same to be of his/her free act and deed.

(Notary Seal)

This assignment should preferably be signed before:

(a) a Notary Public if within the U.S.A.

(b) a U.S. Consul if outside the U.S.A.

If neither, then it should be signed before at least two witnesses who also sign here:

Date 5/5/2015

Witness signature Mordecai Glicksman

Witness typed or printed name MORDECAI GLICKSMAN

Witness address:

3307 BANCROFT RD

BALTIMORE MD 21215-3102

Date 5 May 2015

Witness signature [Signature]

Witness typed or printed name Nathan Cox

Witness address:

3505 Bancroft Rd.

Baltimore, MD 21215

APPENDIX A

Title of Invention	Patent or Application No.	Filing Date	Docket #
INTEGRATED DIRECT DRIVE STARTER/GENERATOR FOR TURBINES	61/002,060	11-06-2007	12165.PRV
INTEGRATED DIRECT DRIVE STARTER/GENERATOR FOR TURBINES	12/291,258	11-06-2008	12165.US
INTEGRATED DIRECT DRIVE STARTER/GENERATOR FOR TURBINES	13/436,967	04-01-2012	12165.US.DIV
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	60/998,635	10/12/07	12164.PRV
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	61/002,079	11-06-2007	12164.PRV2
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	12/291,257	11-06-2008	12164.US
MOTOR FOR DRIVING AIRCRAFT, LOCATED ADJACENT TO UNDERCARRIAGE WHEEL	13/549,520	07-16-2012	12164.US.DIV
APPARATUS FOR CONTROLLING AIRCRAFT GROUND MOVEMENT	60/958,602	07-05-2007	12157.PRV
APPARATUS FOR CONTROLLING AIRCRAFT GROUND MOVEMENT	12/217,635	07-07-2008	12157.US
APPARATUS FOR CONTROLLING AIRCRAFT GROUND MOVEMENT	GB0812376.2	07/05/08	12157.US.GB
Apparatus for controlling aircraft parking brakes	60/958,601	07-05-2007	12156.PRV
Apparatus for controlling aircraft parking brakes	12/217,358	07/03/08	12156.US
Apparatus for controlling aircraft parking brakes	GB0812376.2	07/05/08	12156.US.GB
Aeroplane mass assessment	60/900,601	02-09-2007	12154.PRV
Aircraft weight estimation method	12/069,614	02-11-2008	12154.US
TURBINE STARTER-GENERATOR	60/851,404	10-13-2006	12148.PRV
TURBINE STARTER-GENERATOR	11/974,399	10/12/07	12148.US
TURBINE STARTER-GENERATOR	GB0719970.6	10/12/07	12148.GB
CHIMNEY TURBINE	60/843,930	09-11-2006	12142.PRV
CHIMNEY TURBINE	11/900,614	09-11-2007	12142.US
SYSTEM FOR MINIMIZATION OF AIRCRAFT DAMAGE ON COLLISION	GB0617068.2	08-30-2006	12141.GB.PRV
SYSTEM FOR MINIMIZATION OF AIRCRAFT DAMAGE ON COLLISION	11/899,001	08-29-2007	12141.GB.US