

Form PTO-1595 (Rev. 09/04)  
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<b>1. Name of conveying party(ies)/Execution Date(s):</b>  Isalah Watas Cox  Execution Date(s) <u>21 May 2004</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Borealis Technical Limited</u> Internal Address: _____  Street Address: <u>Suite 3G, Eurollife Building</u> <u>1 Corral Road</u> City: _____ State: _____ Country: <u>GIBRALTAR</u> Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>10/719,446</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Borealis Technical Limited</u> Internal Address: _____ Street Address: <u>23545 NW Skyline Blvd</u> City: <u>North Plains</u> State: <u>OR</u> Zip: <u>97133-9204</u> Phone Number: <u>+1.503.621.3286</u> Fax Number: <u>+1.503.621.3425</u> Email Address: <u>file@borealis.com</u>	<b>6. Total number of applications and patents Involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 40.00</b> <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers <u>1009</u> Expiration Date <u>04/06</u> b. Deposit Account Number _____ Authorized User Name _____
<b>9. Signature:</b> _____ Signature <u>Rodney T. Cox, CEO - Borealis Technical Limited</u> Name of Person Signing Total number of pages including cover sheet, attachments, and documents: <u>5</u>	

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

OP \$40.00 10719446

**Borealis Technical Limited**

Registered in Gibraltar, number 57884  
Suite 3G, Eurolife Building  
1 Corral Road  
Gibraltar



10 January 2005

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**Appointment of Domestic Representative**

Borealis Technical Limited hereby appoints as its domestic representative with the  
United States Patent and Trademark Office:

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North Plains, OR 97133-9204

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**PATENT**  
**REEL: 015606 FRAME: 0087**

2nd

## ASSIGNMENT

WHEREAS, I, Isaiah Watas Cox residing at London, England, have invented certain new and useful improvements in and to the subject matter of:

### Thermionic Power Unit

described in an application for United States Letters Patent filed on November 21, 2003, and accorded Application No. 10/719,446:

AND, WHEREAS, Borealis Technical Limited, Gibraltar Company Number 57884, a corporation organized and existing under the laws of Gibraltar, and having offices at Suite 3G, Eurolife Building, 1 Corral Road, Gibraltar (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND I hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND I hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use or sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said improvements had not been otherwise encumbered, and that I have not and will not execute any instrument in conflict therewith;

AND I do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

This assignment is effective on November 21, 2003.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

May 21, 2004  
Date

  
Isaiah Watas Cox

On this 21 day of May, 2004 before me, personally appeared Isaiah Watas Cox, known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

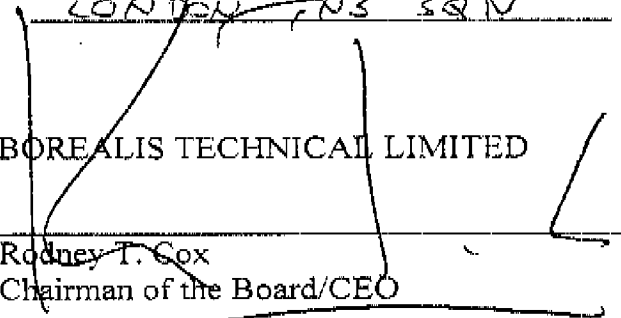
By: Szabo Kristina

Printed/Typed Name: SZABO KRISTINA

Address: 2 CAVENDISH AVENUE  
FINCHLEY CENTRAL  
LONDON, N3 3BN

On behalf of said ASSIGNEE:

8 August 2004  
Date

  
BOREALIS TECHNICAL LIMITED

Rodney T. Cox  
Chairman of the Board/CEO

WITNESSED BY:

Robert Flye  
Printed/Typed Name:

Address:

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Portland, OR 97216