

06-03-2002



Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

102109563

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Avto Tavkhelidze

S. 28 U2

2. Name and address of receiving party(ies)

Name: Borealis Technical Limited,
Gibraltar Company Number 57884
Internal Address: _____Suite 3G, Eurolife BuildingAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 1 Corral RoadGibraltar

City: _____ State: _____ Zip: _____

Execution Date: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

— 09/645,985 —

09/645,997

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Borealis Exploration Inc.

Internal Address: _____

Street Address: 23545 NW Skyline Blvd.North PlainsCity: _____ State: OR Zip: 971336. Total number of applications and patents involved: 27. Total fee (37 CFR 3.41).....\$ 80☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

OFFICE OF U.S. RECORDS
 2002 MAY 13 AM 10:46
 FINANCE SECTION

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Avto Tavkhelidze

Name of Person Signing

Signature

05/23/2002

Date

Total number of pages including cover sheet, attachments, and documents: 1

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

06/03/2002 LMUELLER 00000003 09645985

80.00 DP

01 FC:581

PATENT
REEL: 012934 FRAME: 0105

ASSIGNMENT

WHEREAS, I, Avto Tavkhelidze residing at Tbilisi, Georgia, have invented certain new and useful improvements in and to the subject matter of:

METHOD FOR INCREASING EMISSION THROUGH A POTENTIAL BARRIER

described in an application for United States Letters Patent filed on June 29, 1998, and accorded Application No. 09/645,985:

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;

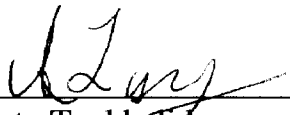
717

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 June 29, 1998.

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

11 June 2001
Date


Avto Tavkhelidze

On this 11 day of June, 2001 before me, personally appeared Mr. Avto Tavkhelidze, 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: 

Printed/Typed Name: Robert L. Flye

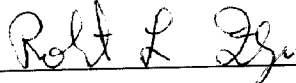
Address: 2020 SE 87th Av
Portland, OR 97216
US

On behalf of said ASSIGNEE:

11 June 2001
Date


BOREALIS TECHNICAL LIMITED

Rodney T. Cox
Chairman of the Board/CEO

WITNESSED BY: 

Printed/Typed Name: Robert L. Flye

Address: 2020 SE 87th Av
Portland, OR 97216
US

ASSIGNMENT

WHEREAS, I, Avto Tavkhelidze residing at Tbilisi, Georgia, have invented certain new and useful improvements in and to the subject matter of:

METHOD FOR INCREASING EMISSION THROUGH A POTENTIAL BARRIER

described in an application for United States Letters Patent filed on August 31, 1998, and accorded Application No. 09/645,997:

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;

5112

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 August 31, 1998.

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

11 June 2001
Date

Avto Tavkhelidze
Avto Tavkhelidze

On this 11 day of June, 2001 before me, personally appeared Mr. Avto Tavkhelidze, 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: *Robert L. Flye*

Printed/Typed Name: Robert L. Flye

Address: 2020 SE 87th Av
Portland, OR 97216
US

On behalf of said ASSIGNEE:

11 June 2001
Date

BOREALIS TECHNICAL LIMITED

Rodney L. Cox
Chairman of the Board/CEO

WITNESSED BY:

Robert L. Flye

Printed/Typed Name: Robert L. Flye

Address: 2020 SE 87th Av
Portland, OR 97216
US

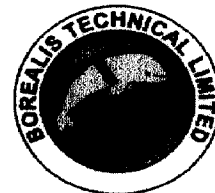
Borealis Technical Limited

Registered in Gibraltar, number 57884

Suite 3G, Eurolife Building

1 Corral Road

Gibraltar



23 May 2002

Commissioner of Patents

Box Assignments

Washington, D.C. 20231

Appointment of Domestic Representative

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

Borealis Exploration Incorporated

23545 NW Skyline Blvd

North Plains, OR 97133-9204

Telephone Number: +1.503.621.3286

Telecopier Number: +1.503.621.3425

Borealis Technical Limited

Rodney T. Cox, Ph.D.

CEO/Chairman of the Board

Phone: +350.59995
+350.586.99000

Fax: +350.59059
+44.208.455.8701

e-mail: exec@borealis.gi
www.borealis.gi

RECORDED: 05/28/2002

PATENT
REEL: 012934 FRAME: 0110