

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Luis German Gonzalez Gonzalez | 05/14/2008 |
| RECEIVING PARTY DATA | |
| Name: | Cauchos Industriales S.A. |
| Street Address: | AV Americo Vespucio 2101 |
| City: | Renca Santiago |
| State/Country: | CHILE |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12059734 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | 4455-105689 |
| NAME OF SUBMITTER: | Jon P. Christensen |
| Total Attachments: 2 source=105689assignment#page1.tif source=105689assignment#page2.tif | |

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PATENT
REEL: 021047 FRAME: 0667

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Luis German Gonzalez Gonzalez

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 05/14/2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Cauchos Industriales S.A.

Address: Av Americo Vespucio 2101, Renca, Santiago, Chile

Name: Same as above

Address:

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
12/059,734

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ NO

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

Name: Daniel M. Gurfinkel

Address: Welsh & Katz, Ltd
120 S. Riverside Plaza
22nd Floor

City: Chicago

State: IL Zip: 60606

Phone Number: 312 655-1500

Fax Number: 312 655-1501

Email Address: dmgurfinkel@welshkatz.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 23-0920

Authorized User Name Daniel M. Gurfinkel

9. Signature:  May 30, 2008

Signature

Date

Daniel M. Gurfinkel (Reg. No. 34,177) 4455-105689

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

Docket No. 4453-105689

Serial No. 12/059,734

Filed March 31, 2008

Luis Germán González González, hereinafter the assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assigns to Luis Germán González González an individual having an address at Adamson 3194, Antofagasta, Chile and Cauchos Industriales S.A. a corporation organized under the laws of the nation of Chile, hereinafter the assignees, and individually their successors and assigns, each one half right title and interest in the invention or improvements disclosed in an application for Patent in the United States, identified as U.S. Patent Application Serial No. 12/059,734 and entitled MECHANICAL STEMMING APPARATUS FOR MINING BLAST OPERATIONS, and in any and all other applications, both United States and foreign, which the assignor or assignee may file, either solely or jointly with others, on said invention or improvements, and in any and all patents of the United States and foreign countries which may be obtained on any of said applications and in any reissue or extension of such patents.

The assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Patent to said assignees.

The assignor warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the assignor hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary declaration, oath, or affidavit relating thereto, and any application for the reissue or extension of any Patent that may be granted upon said application, and any and all applications and other documents for Patent in foreign countries on said invention or improvements that said assignee, its successors, or assigns may deem necessary or expedient, and for the said considerations the assignor further agrees, upon the request of said assignee, its successors, or assigns, to cooperate to the best of the ability of the assignor with said assignee, its successors, or assigns, in any proceedings or transactions involving such application or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain and enforce said Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors, and assigns, whereby said patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: May 14, 2008

Luis Germán González González,

Cauchos Industriales S.A.

Date: May 14, 2008

By: Patricio Olivares Cooper

Patricio Olivares Cooper
Procedural Representative

PATENT

RECORDED: 05/30/2008

REEL: 021047 FRAME: 0669