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To the Director of the U.S. Patent and T.

ments or the new address(es) below.

1. Name of conveying party(ies)

Edwin L. RAUCH

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

2. Name and address of receiving party(ies)

Name: NOVELIS INC.

Internal Address: 191 Evans Avenue

Street Address: _____

City: Toronto

State: Ontario

Country: CANADA Zip: M8Z 1J5

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

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

Execution Date(s) October 4, 2010

Assignment Merger

Security Agreement Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

12/806,939 - Filed AUGUST 24, 2010

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Christopher C. Dunham

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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 to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 03-3125

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Authorized User Name Christopher C. Dunham

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9. Signature: Christopher C. Dunham OCTOBER 19 2010

Signature Date

Christopher C. Dunham

Name of Person Signing

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

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 OF INVENTION AND PRIORITY RIGHTS

I/we:

Edwin L. RAUCH of 1701 State Route 48,
Fulton, New York 13069, U.S.A.

hereinafter called the assignor(s), in consideration of one Dollar (\$1.00) and other good and valuable consideration paid to me/us, which is hereby acknowledged, do hereby sell and assign to:

NOVELIS INC. of
191 Evans Avenue, Toronto,
Ontario M8Z 1J5, Canada

hereinafter called the assignee(s), all my/our right, title and interest in and to my/our invention entitled:

MOVABLE SWEAT HEARTH FOR METAL MELTING FURNACE

as fully described and claimed in United States Patent Application Serial No. **12/806,939** filed on **August 24, 2010**.

This assignment of rights in and to the invention(s) shall extend to the United States of America any and all other countries, states, regions and jurisdictions of the world without limitation, and shall include all my/our right, title and interest in and to any and all patents, divisional patents, continuation patents, reissue patents, substitute or replacement patents, patent extensions, and the like, and/or any and all published or unpublished patent or PCT or provisional applications for the invention or inventions which have been or may be pursued, filed and/or obtained for the invention or inventions in any country or region of the world, either based on the above-identified patent application or filed and pursued independently thereof.

This assignment specifically authorizes the Assignee to file patent applications in any and all countries and regions of the world on any and all the invention or inventions or parts thereof in my/our name(s) or in the name of the Assignee or otherwise as the Assignee may deem advisable, or as the laws or regulations of particular countries or regions may dictate.

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This assignment includes, but is not limited to, the transfer of any and all priority rights originating from the above Patent Application as may arise or exist under any and all bilateral and multi-lateral, regional or worldwide agreements, treaties and conventions of any and all countries, states, regions and jurisdictions of the world, and/or under the laws of the United States permitting the claiming of priority from domestic U.S. applications, and/or the priority rights originating from any other application or applications for the same invention or inventions, or parts thereof, that may generate priority rights claimed or claimable in the United States and elsewhere without limitation.

I/We hereby acknowledge that the aforesaid right, title and interest shall be held and enjoyed by the Assignee to the full ends of the terms for which all patents therefor are granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment had not been made, and I/we hereby agree to do all acts reasonably serving to assure that the aforesaid right, title and interest shall be so held and enjoyed by the Assignee, including but not limited to the authorization, completion and/or execution of documents required, including but not limited to confirmatory assignments, transfers, declarations, petitions, affidavits, statements (sworn or unsworn), and the like.

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The undersigned assignor(s) also acknowledges that this assignment confirms and incorporates any earlier assignment or transfer of rights in this invention, if any, from the assignor(s) to the assignee named herein, including but not limited to any oral, informal and/or implied assignment and any transfer resulting from any written, unwritten or implied employment agreement, contract of service, cooperative arrangement, legal obligation, or other transfer, but without any restriction or limitation of the rights granted to the assignee under the other terms herein of this present document.

Date : Oct. 04, 2010
Witness : JOHN SORENSEN
Witness Sig. : John Sorensen
Address : 487 MAPLE GROVE RD.
GANANQUE, ONTARIO, CANADA


(signature of assignor)

Name: Edwin L. RAUCH