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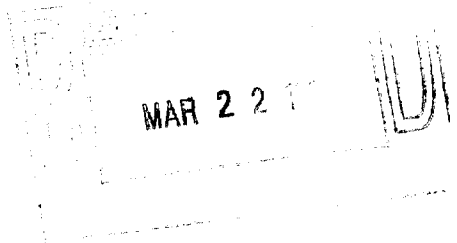
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CONVEYANCE TRANSMITTAL LETTER



TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original document

1. Name of conveying party: Execution Date:  
BANKBOSTON, N.A. December 21, 1998
  
2. Name and address of receiving party:  
Northwest Aluminum Company  
3313 W. Second St.  
The Dalles, OR 97058
  
3. Nature of conveyance: Termination and Release of Collateral  
Assignments of Patents and Trademarks
  
4. Patent and Trademark numbers:
  - a. Patent No. 5,571,347  
For: HIGH STRENGTH MG-SI TYPE ALUMINUM ALLOY  
Issued: November 5, 1996
  
  - b. Patent No. 5,571,346  
For: CASTING, THERMAL TRANSFORMING AND SEMI-SOLID FORMING ALUMINUM ALLOYS  
Issued: November 5, 1996
  
  - c. Patent No. 5,108,557  
For: ORE POINT FEEDER AND METHOD FOR SODERBERG ALUMINUM REDUCTION CELLS  
Issued: April 28, 1992
  
5. Please direct all correspondence concerning this document to Micah D. Stolowitz, at the following address:  
  

Stoel Rives LLP  
 900 SW Fifth Avenue, Suite 2600  
 Portland, Oregon 97204-1268
  
6. Total number patents involved: 3.
  
7. A check for \$120.00 in payment of the name change recording fee is enclosed.

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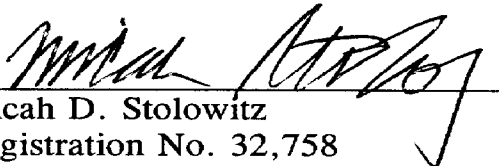
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PDX4-151171.1 31028-0003

8. The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.
9. The information contained on this transmittal letter is true and correct to the best of the knowledge and belief of the person signing below, and any attached copy is a true copy of an original document.

Respectfully submitted,

Northwest Aluminum Company

By   
Micah D. Stolowitz  
Registration No. 32,758

Number of pages comprising the conveyance, cover letter, and any attachments: 6.

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 31028/3:1

TERMINATION AND RELEASE  
OF  
COLLATERAL ASSIGNMENTS OF PATENTS AND TRADEMARKS

This TERMINATION AND RELEASE OF COLLATERAL ASSIGNMENT OF PATENTS AND TRADEMARKS (hereinafter referred to as the "Release") made as of the 21st day of December, 1998, by BANKBOSTON, N.A. (f/k/a THE FIRST NATIONAL BANK OF BOSTON), a national banking association, with its head office at 100 Federal Street, Boston, Massachusetts 02110, as agent (in such capacity, the "Agent") for the Lenders and the Issuing Bank under (and as defined in) that certain Credit Agreement, dated May 15, 1996 (the "Credit Agreement"), in favor of NORTHWEST ALUMINUM COMPANY, an Oregon corporation with its principal place of business at 3313 W. Second St., The Dalles, Oregon 97058 (hereinafter referred to as the "Borrower").

The Borrower and the Agent are parties to a certain Collateral Assignment of Patents and Trademarks ("Collateral Assignment"), dated May 15, 1996, as may have been recorded in the U.S. Patent and Trademark Office.

NOW, THEREFORE, for good and valuable consideration, Agent hereby releases its security interests in the I.P. Collateral (as defined in the Collateral Assignment) and acknowledges and agrees that all assignments, hypothecations and rights to assignments and hypothecations made by the Borrower to the Agent under the Collateral Agreement are terminated.

Agent agrees to execute and deliver to Borrower any statement, assignment, instrument, document, agreement, notice, or other paper and take other action that the Borrower may from time to time reasonably determine to be necessary or desirable in order to confirm the termination of the Collateral Assignment.

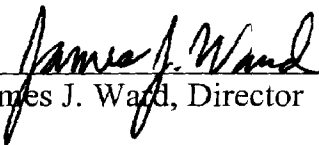
This Release shall be binding upon and inure to the benefit of the Borrower, its successors and assigns, and shall be binding upon and inure to the benefit of and be enforceable by the Agent and its respective successors and assigns. This Release may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument and either of the parties hereto may execute this Release by signing any such counterpart.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties hereto have caused this Release to be executed as of the first date written above.

NORTHWEST ALUMINUM COMPANY BANKBOSTON, N.A. (f/k/a THE FIRST NATIONAL BANK OF BOSTON), a national banking association

By:   
Title: **Brett E. Wilcox, President**

By:   
James J. Ward, Director

Schedule I

PATENTS

<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name of Inventor/ Title of Invention</u>
5,108,557	April 28, 1992	James H. Nordquist/Ore Point Feeder and Method for Soderberg Aluminum Reduction Cells

Patent Applications

<u>Application No.</u>	<u>Filing Date</u>	<u>Name of Inventor/ Title of Invention</u>
1. 08/422,242	April 14, 1995	S. Craig Bergsma/Casting, Thermal Transforming and Semi-Solid Forming Aluminum Alloys
2. 08/244,485	April 7, 1994	S. Craig Bergsma/High Strength MG-SI Type Aluminum Alloy]

PATENT LICENSES

<u>U.S. Patent No.</u>	<u>Date</u>
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TRADEMARKS

<u>Registration No.</u>	<u>Date</u>	<u>Mark or Name</u>
1739418	December 15, 1992	DIRECT FORGE

<u>Application No.</u>	<u>Filing Date</u>	<u>Mark or Name</u>
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Trademark Licenses

<u>Registration No.</u>	<u>Date</u>	<u>Mark or Name</u>
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RECORDED: 06/27/1996

PATENT  
REEL: 7969 FRAME: 0799

RECORDED: 03/22/1999

PATENT  
REEL: 9845 FRAME: 0398