

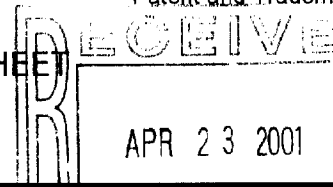
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY



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

1. Name of conveying party(ies): Craig W. Brown Patrick B. Frizzle Richard J. Brooks Drago D. Juric	2. Name and address of receiving party(ies): Northwest Aluminum Technologies 1080 West Ewing Place Seattle, WA 98119 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: January 17, 2001	

4. Application number(s) or patent number(s):	
A. Patent Application No.(s) Serial No. 09/721,845, filed November 25, 2000	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Andrew Alexander, Esq. 27901 PATENT/TRADEMARK OFFICE	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No.
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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.		
Andrew Alexander Name of Person Signing	 Signature	April 18, 2001 Date
Total number of pages including cover sheet, attachments and document: 5		

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J. F. C. B.

40.00 00

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good, and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, **Craig W. Brown, Richard J. Brooks, and Patrick B Frizzle**, all of Seattle, Washington, and **Drago D. Juric**, of Bulleen, Australia, respectively

Hereby sell, assign and transfer to **Northwest Aluminum Technologies**, a corporation of the State of Washington, having a place of business at Seattle, in the County of King, and State of Washington, its successors, assigns, and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the application for United States Patent, **Serial No. 09/742,845, Filed November 25, 2000** entitled "**Electrolyte Treatment for Aluminum Reduction**" (Atty. Docket No. 00-42) and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

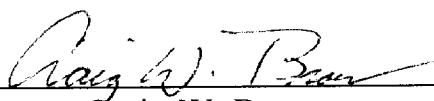
Authorize and request our attorney to insert above the filing date and application number when they become known;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, **Northwest Aluminum Technologies**, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them disclosed in said application;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, we will, for all countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said

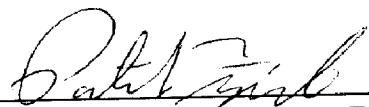
Assignee, its successors, assigns, and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives.

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that we have full right to convey the same as herein expressed.

 1/17/01

Craig W. Brown

Richard J. Brooks

 1/17/01

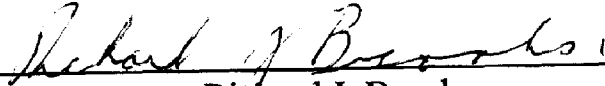
Patrick B. Frizzle

Drago D. Juric

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Craig W. Brown

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Craig W. Brown

Richard J. Brooks

Patrick B. Frizzle

 01/16/01
Drago D. Juric