

02-10-2000



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To the Honorable Commissioner of Patents and

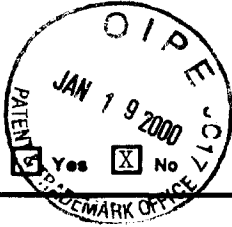
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original documents or copy thereof.

1. Name of conveying party(ies):

Gerard LASLAZ  
Francois COSSE  
Michel GARAT

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



2. Name and address or receiving party(ies):

Name: ALUMINIUM PECHINEY

Internal Address:

Street Address: 7, Place du Chancelier Adenauer

75218 Paris Cedex 16, FRANCE  
City: State: ZIP:

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: January 5, 2000

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)

S.N. 09/455,766, filed 12/7/99

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: DENNISON, SCHEINER, SCHULTZ & WAKEMAN

Internal Address:

Street Address: 1745 Jefferson Davis Highway

City: Arlington State: VA ZIP: 22022

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

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

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9. Statement and signature. 40.00 DP

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.

Ira J. Schultz, Reg. 28666

Name of Person Signing

*Ira J. Schultz*  
Signature

1/15/00

Date

3

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

ASSIGNMENT

Whereas I, Gerard Laslaz, 714 route de Mercier, 38570 Le Cheylas, France; Francois Cosse, 18 Avenue General Champon, 38100 Grenoble, France; and Michel Garat, La Delphiniere, 38210 Saint Quentin Sur Isere, France, have invented a certain improvement in

HYPEREUTECTIC ALUMINUM-SILICON ALLOY PRODUCT FOR SEMI-SOLID FORMING FOR THE PREPARATION THEREOF

an application for which was filed in the United States Patent and Trademark Office on December 7, 1999, Serial No. 09/455,766.

Whereas, ALUMINIUM PECHINEY  
7, Place du Chancelier Adenauer  
75218 Paris Cedex 16,  
PARIS

a corporation of France (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest in and to said invention or improvement;

Now, Therefore, in consideration of \$1, receipt of which is hereby acknowledged, and other good and valuable consideration, I, by these presents, do sell, assign and transfer unto said Assignee, its successors, assigns and other legal representatives in and for the United States and its territories and for all foreign countries, the full and exclusive right in and to the said invention as described in

LAW OFFICES  
DENNISON, MESEROLE, SCHEINER & SCHULTZ  
612 CRYSTAL SQUARE 4  
1745 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VIRGINIA 22202-3417

703 412-1155

said above application, together with any Letters Patent which may be granted therefor, and any divisions, reissues, continuations or extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent resulting therefrom to said Assignee, and covenant that I have full right to do so, and agree that I shall communicate to said Assignee or its representatives any facts known to me respecting said improvement and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation and reissue applications in connection therewith, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee, its successors, assigns or nominees to obtain and enforce proper protection for said improvement.

I hereby authorize my attorneys, identified in the declaration constituting a part of said application, to insert in this Assignment the serial number and filing date of the above-identified application when known.

January 5<sup>th</sup> 2000

Date

January 5<sup>th</sup> 2000

Date

January 5 2000

Date

Gerard Laslaz

Gerard Laslaz

Francois Casse

Francois Casse

Michel Garat

Michel Garat