Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC
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Name of conveying party(les):	2. Name and address of receiving party(les)
Jacques Charpentier (01/10/2005) and Jean-Marie Château (01/10/2005)	Name: PECHINEY RHENALU
Additional name(s) of conveying party(les) attached? Yes X No	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	7
Execution Date(s): In parentheses after Inventor name X Assignment Merger Change of Name	7, place du Chancelier Adenauer F-75116 Parls Cedex 16 FRANCE
Security Agreement Joint Research Agreement	City:
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: zip:
Other	Additional name(e) & address(es) Yes X No attached:
4. Application or patent number(s): A. Patent Application No.(s) 10/514,165 Additional numbers attached?	This document is being filed together with a new application. B. Patent No.(s) Yes X No
5. Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and patents involved:
Name: Susan E. Shaw McBee CONNOLLY BOVE LODGE & HUTZ LLP	
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 22130-00041-US1 Street Address: 1990 M Street, N.W., Suite 800	Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government Interest not affecting title)
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S. Signature: Signature Signature	July 20, 2005 Date
Susan E. Shaw McBee - 39,294	Total number of pagest including cover
Name of Person Signing	sheef, altachments, and documents;

PATENT REEL: 016548 FRAME: 0695

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jacques Charpientier and Jean-Marie Château (hereinafter referred to as Assignors), residing at Les Ramées, F-38134 Saint Julien de Ratz, FRANCE; and 28, rue du 16 Août, F-38950 Saint Martin Le Vinoux, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in DEVICE FOR THE IN-LINE TREATMENT OF LIQUID METAL BY MEANS OF GAS AND FILTRATION, set forth in a Patent application for Letters Patent of the United States, already filed on November 12, 2004 as U.S. application No. 10/5 4,165; and

WHEREAS, PECHINEY RHENALU, a Corporation organized under and pursuant to the laws of France having its principal place of business at 7, place du Chancelier Adenauer, F-75116 Paris, FRANCE (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

PATENT REEL: 016548 FRAME: 0696 AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

PATENT REEL: 016548 FRAME: 0697

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 30678

AND Assignors acknowledge an obligation of assignment of this invention to Assignce at the time the invention was made.

Date 10/01/2005

Jacques Charprentier

Witness:

10/01/2005

10/01/2005 Date

Jean-Marie Château

Witness:

RECORDED: 07/20/2005

Mame Migeud

PATENT

REEL: 016548 FRAME: 0698