

05-28-2002

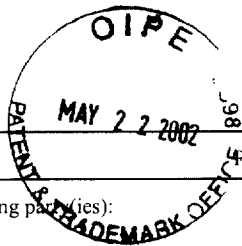


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U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: 67635-0048



Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Fry's Metals, Inc. **5-22-02**

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

2. Name and address of receiving party(ies)
Name: Umicore USA Inc.
Street address: 3120 Highlands Boulevard, Suite 110
Raleigh, North Carolina

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: May 17, 2002

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. _____ B. Patent No.(s) 5,433,901

Additional numbers attached? Yes No

5. Name and Address of party to whom correspondence concerning document should be mailed:
Matthew T. Bailey
IP Group
Hogan & Hartson LLP
555 Thirteenth Street, N.W.
Washington, D.C. 20004-1104
Customer No. 24633

6. Total number of applications and patents involved: 1

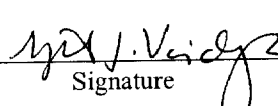
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
50-1349
(Attach duplicate copy of this page if paying by deposit account)

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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.

Ajit J. Vaidya, Reg. No. 43,214  May 22, 2002
Name of Person signing Signature Date



Total number of pages including cover sheet, attachments and document: 4

24633
PATENT TRADEMARK OFFICE

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20023

PATENT ASSIGNMENT

WHEREAS, Fry's Metals, Inc. (the "**Assignor**"), a corporation organized and existing under the laws of the state of Delaware, U.S.A. and having a place of business at 600 Route 440, Jersey City, New Jersey 07304, U.S.A., is the owner of the entire right, title and interest in, to and under United States Patent No. 5,433,901 which issued July 18, 1995 and has the title "Method of Manufacturing an ITO Sintered Body" (the "**Patent**");

WHEREAS, Umicore USA Inc. (the "**Assignee**"), a corporation organized and existing under the laws of the State of Delaware and having a place of business at 3120 Highlands Boulevard, Suite 110, Raleigh, North Carolina, is desirous of obtaining the entire right, title and interest in, to and under the Patent; and

WHEREAS, the assignment of the Patent is required by that certain Asset Purchase Agreement, dated as of the date hereof, by and among Assignee and Assignor;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said Patent, including, but not limited to the right to sue for past infringement, and in, to and under the inventions described therein, and all divisions, renewals, continuation applications thereof, and applications otherwise claiming priority therefrom, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof and applications otherwise claiming priority therefrom, and all applications for Letters Patent which may hereafter be filed for said inventions in any country or countries foreign to the United States, and all Letters Patent which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said applications for Letters Patent of the United States which are created by any law, treaty or international convention, and all applications for Letters Patent of the

United States or of any country or countries foreign to the United States which incorporate or encompass the subject matter and technology of said inventions and said Patent.

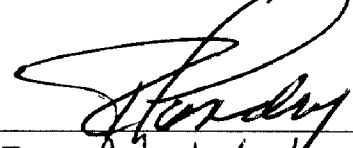
AND Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith. Assignor further agrees to execute any documents and take any actions that may be necessary in order to complete the transfer described herein.

[Signature page to follow]

IN TESTIMONY WHEREOF, I, Robert Landry, a director and/or officer of said Assignor having full authority to bind said Assignor as stipulated herein and having full intent to do so, hereunto set my hand and seal this 17th day of May, 2002.

ASSIGNOR:

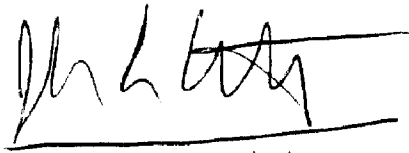
FRY'S METALS, INC.



By: Robert Landry
Its: Authorized Signatory

State of Rhode Island
County of Providence

NOTARY:



Joshua L. Celiste
Commission Expires:
1/31/06

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