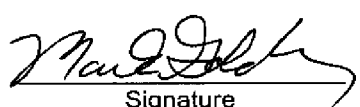


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| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 10/28/02, 10/15/02, 10/28/02 | | 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) 10/228,128 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: Name: UOP LLC Internal Address: ATTN: JOHN G. TOLOMEI Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 City: DES PLAINES State: IL Zip: 60017-5017 | | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 21-0600 | | | |
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| 9. Signature. MARK GOLDBERG Name of Person Signing  Signature 12/17/02 Date Total number of pages including cover sheet, attachments, and documents: 4 | | | | | |

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ASSIGNMENT

☐ U.S. Provisional Application☒ U.S. Utility Patent Application

Attorney Docket No. 107358

WHEREAS, **RUSTAM H. SETHNA**, a citizen of INDIA, residing in the City of PALATINE, in the County of COOK and State of ILLINOIS, **MICHAEL WHYSALL**, a citizen of THE UNITED KINGDOM, residing in WILRIJK, BELGIUM, and **KIRIT M. PATEL**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of WINFIELD, in the County of DU PAGE and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

PROCESS FOR REMOVAL OF CARBON DIOXIDE FOR USE IN PRODUCING DIRECT REDUCED IRON

WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filing date and application number of said application when known; and

WHEREAS, UOP LLC, a company organized and existing under the laws of the State of Delaware having a principal place of business at Des Plaines, Illinois, is desirous of acquiring an interest in and to said application, the inventions disclosed therein, and the Letters Patent of the United States that may be issued thereon.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations the receipt of which is hereby acknowledged, said inventors do hereby transfer, set over and assign unto said UOP LLC, its successors and assigns, the entire right, title and interest in, to and under said application; the invention(s) covered thereby; any and all resultant patent or patents thereon; any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, and all foreign rights thereunder including all rights to claim any priority in and to the inventions disclosed therein. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Application No. 10/228,128 filed August 26, 2002

Atty. Docket # 107358

PATENT
REEL: 013302 FRAME: 0157
(Rev. 03-21-00)

Page 2 of 2

Rustam H. Sethna

Rustam H. Sethna

Oct. 28, 2002

Date

Oct 28, 2002

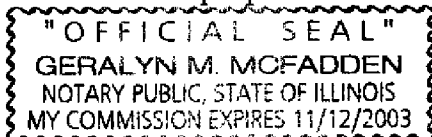
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Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 10-28-02, personally appeared **RUSTAM H. SETHNA**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL

Gerald M. McFadden

Notary Public

Michael Whysall

Michael Whysall

15th October, 2002

Date

10-15-2002

Date Executed

Application for Letters Patent

Before me, on this day, 17th October 2002, personally appeared **MICHAEL WHYSALL**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

Signature of Witness

Date: 17th Oct. 2002

PRINTED Name of Witness

Julien L. COPPENS
 Managing Director
 UOP N.V.

Address

WATERLOO 147, B-2030 ANTWERPEN
BELGIUM
Kirit M. Patel

Kirit M. Patel

10-28-02

Date

10-28-02

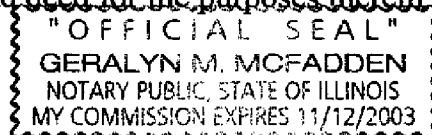
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 10-28-02, personally appeared **KIRIT M. PATEL**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL

Gerald M. McFadden

Notary Public

Application No. 10/228,128

filed

August 26, 2002

Atty. Docket # 107358

 PATENT
 REEL: 013302 FRAME: 0158
 (Rev. 03-21-00)

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Fax: 847-391-2387

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