J.S. Department of Commerce RECORD/ 12-21-2005 **FORM PTO-1595** 'atent and Trademark Office 1-31-92 Attorney Docket No. 02814.0076 Attorney Customer Number: 22,852 **)X ASSIGNMENTS RECORDATION** To the Honorable Commissioner of Patents and T 103141667 Please record the attached original documen ĿS Name and address of receiving party(ies): Name of conveying party(ies): 1) Richard George PAXTON **MITTAL STEEL SOUTH AFRICA** Name: 2) Michael FELLOWS-SMITH LIMITED 3) Friedrich Michael MINDSZENTY 4) Christian Alexander MINDSZENTY Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: 2. Street Address: Main Building, Corporate Centre, Nature of conveyance: Delfos Boulevard, Vanderbijlpark, 1911, Republic of South Africa \boxtimes City: Assignment Merger Security Change of Name State: Zip Code: Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** 1) July 14, 2005 ☐ Yes ⊠ No 2) July 19, 2005 3) July 19, 2005 4) July 19, 2005 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 3. the application: Patent Application Number(s): 10/533,125 В. Patent Number(s): A. Additional numbers attached? ☐ Yes ⊠ No Name and address of party to whom correspondence 5. Total number of applications and registrations concerning document should be mailed: involved: 1 Name: Mr. Ernest F. Chapman Total fee (37 CFR 3.41): \$40 6. \boxtimes Enclosed (Please charge deficiency to deposit account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. Street Address: 901 New York Avenue, N.W. City: Washington, D.C. 7. State: Zip: 20001-4413 Deposit Account No.: 06-0916 8. 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.

pages including cover sheet, attachments and documents: 4

Ernest F. Chapman

00000151 10533125 Total in

number of

40.00 DP

Reg. No. 25,961

12/21/2005 DBYRNE

01 FC:8021

PATENT REEL: 017369 FRAME: 0140

December 19, 2005

Date

Attorney Docket No.: 02814.0075

Page 1 of 3

Customer No.: 22,852 JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors), have made an invention entitled:

GAS CLEANING PROCESS AND EQUIPMENT THEREFOR

for which we executed an application	on for United States Letters Patent	concurrently
herewith or on	or filed an application for U	nited States
	(Application No.	_); and

WHEREAS, MITTAL STEEL SOUTH AFRICA LIMITED, a corporation of Republic of South Africa, whose post office address is Main Building, Corporate Centre, Delfos Boulevard, Vanderbijlpark, 1911, Republic of South Africa, (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment:

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. $\frac{10/533,125}{}$, filed $\frac{\text{April 29, 2005}}{}$) the filing date and application number of said application when known.

, J (

PATENT REEL: 017369 FRAME: 0141

Attorney Docket No.: 02814.0076

Page 2 of 3

Customer No.: 22,852

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Richard George PAXTON

Moor View, 8 Little Aston Lane, Sutton Coldfield, West Midlands, B74

3UF, Great Britian

Citizenship: Great Britian

Richard Parton.

Date:

Second Assignor

Michael FELLOWS-SMITH

5 Miles Sharp Street, Rynfield, Benoni, 1501,

Republic of South Africa

Citizenship: South Africa

Signature:

Date:

Third Assignor

Friedrich Michael MINSZENTY

32 Somerset Road, Kensington, 2094, Johannesburg, Republic of South Africa

Citizenship: South Africa

Date:

Attorney Docket No.: 02814.0076

Page 3 of 3

Customer No.: 22,852

Fourth Assignor

MINDERENM CM

Christian Alexander MINSZENTY

32 Somerset Road, Kensington, 2094, Johannesburg,

Republic of South Africa

Citizenship: South Africa

Signature:

Date:

PATENT REEL: 017369 FRAME: 0143

RECORDED: 12/19/2005