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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Docket 3091

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings



To the Honorable Commissioner c

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d original documents or copy thereof.

1. Name of conveying party(ies):

GLENN E. HOFFMAN
ROBERT M. KLAWONN

2-19-03

2. Name and address of receiving party(ies)

Name: Midrex International, B.V. Rotterdam, Zurich Branch

Internal Address: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: Bahnhofstrasse 94

CH-8001 Zurich

City: Zurich State: CH Zip: 8001

Execution Date: 1-29-03 2-3-03

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

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)

10/056319 (filed 1-25-02)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Dougherty, Clements & Hofer

Internal Address: _____

Street Address: 1901 Roxborough Road

Suite 300

City: Charlotte State: NC Zip: 28211

6. Total number of applications and patents involved: 1

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

Enclosed - Credit Card Payment
Form Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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

DO NOT USE THIS SPACE

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.

F. Rhett Brockington
Name of Person Signing

F. R. Brockington
Signature

February 10, 2003
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to the undersigned, each of the undersigned, Glenn E. Hoffman and Robert M. Klawonn, agrees to assign, and hereby does assign, transfer and set over to Midrex International, B.V. Rotterdam, Zurich Branch, whose address is Bahnhofstrasse 94 CH-8001, Zurich, Switzerland, a corporation of The Netherlands, (hereinafter 'Assignee') the entire right, title and interest for the United States of America, its territories, dependencies and possessions, and all foreign countries, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

METHOD OF DIRECT IRON-MAKING / STEEL-MAKING VIA GAS OR COAL-BASED DIRECT REDUCTION

for which the undersigned have executed/filed an application for patent in the United States of America on January 25, 2002, Serial No. 10/056319.

- 1) The undersigned agree to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.
- 2) The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 4) The undersigned agree to communicate to the Assignee or representatives thereof any facts known to me respecting the invention and improvements thereof, and will, upon request, but without expense to me, testify in any legal proceedings regarding the invention.
- 5) The undersigned hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has full right to convey the entire interest herein assigned, and that he has not executed and will not execute, any agreement in conflict herewith.
- 6) The undersigned hereby grants the firm of DOUGHERTY, CLEMENTS & HOFER 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 Office for recordation of this document.
- 7) This Agreement shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

IN WITNESS WHEREOF, this Assignment was executed by the undersigned on the date opposite the undersigned names.

Date 1/29/03 Inventor Glenn E. Hoffman Witness Donald R. Lyle

Date 2/3/03 Inventor Robert M. Klawonn Witness Donald R. Lyle