



10-01-1999



U.S.

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ICE

Case Docket No. 98100

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

MED

Ronald L.W. Holmes

9-28-99

Frank A. Hultgren

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

2. Name and address of receiving party(ies):

Name: KVAERNER METALS

Street Address:

1200 Penn Avenue
Pittsburgh, PA 15222

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

3. Nature of conveyance: **Assignment**

Execution Date: **September 21 & 22, 1999**

Title: **Method For Reducing CO And VOC's In Steelmaking Furnace
Off-Gas Stream Without Forming Or Exhausting
Undesirable Products**

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)

B. Patent No. (s)

09/378,067

Additional numbers attached? Yes No XX

10/01/1999 HKMARA 0000013 09378067

40.00

FC:581

PATENT

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

Name: Armstrong, Westerman, Hattori,
McLeland & Naughton
Law and Finance Building
Suite 707, 429 Fourth Avenue
Pittsburgh, PA 15219



6. Total number of applications and patents involved: 1

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

XX Check enclosed

8. Deposit Account No.: 16-0485

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.

A handwritten signature in black ink, appearing to read "James N. Baker".

Date September 28, 1999

James N. Baker
Reg. No.: 40,899

Total number of pages including cover sheet: 5

Rev. 9/94
Q: FORMS/ASSIGN.PTO

A S S I G N M E N T

WHEREAS WE, Ronald L.W. Holmes and Frank A. Hultgren
_____, residing respectively at
109 Pinehurst Drive, Aliquippa, PA 15001, and 424 North Jackson St.,
Evans City, PA 16033,

have invented certain new and useful improvements in Method For
Reducing CO and VOC's In Steelmaking Furnace Off-Gas Stream Without
Forming Or Exhausting Undesirable Products,

for which we have filed an application for United States
Letters Patent on August 20, 1999 as Serial No. 09/378,067

AND WHEREAS KVAERNER METALS
1200 Penn Avenue
Pittsburgh, PA 15222,

hereinafter called the "assignee," is desirous of acquiring the entire rights, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States of America and all foreign countries, including all of our rights under the International Convention for the Protection of Industrial Property, and any Letters Patent which may issue therefor in the United States of America and all foreign countries, and all divisions, reissues, continuations, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned; this assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

We further expressly appoint said assignee as our attorney in fact with power of appointment, and authorize said assignee or his appointee, at its or his discretion, to apply for Letters Patent in any and all countries, including any and all countries which are or may become parties to the International Convention for the Protection of Industrial Property in accordance with all provisions of said Convention, without, however, any expense to us.

EXECUTED 21st September, 1999.

Ronald L.W. Holmes (SEAL)
Ronald L.W. Holmes

State of Pennsylvania)
County of Allegheny) SS:

Before me, a Notary Public in and for the said County and State, personally appeared Ronald L.W. Holmes, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 21st day of September, 1999.

Karen L. Sinwell
Notary Public

Notarial Seal
Karen L. Sinwell, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Mar. 17, 2003
Member, Pennsylvania Association of Notaries

EXECUTED 22nd September 1999.

Frank A. Hultgren (SEAL)
Frank A. Hultgren

State of Pennsylvania)
County of Allegheny) SS:

Before me, a Notary Public in and for the said County and State, personally appeared Frank A. Hultgren, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 22nd day of September, 1999.

Karen L. Sinwell
Notary Public

Notarial Seal
Karen L. Sinwell, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Mar. 17, 2003

Member, Pennsylvania Association of Notaries