

06-02-2003

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
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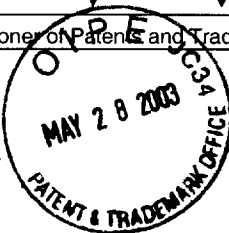


U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

102461862

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

1. Name of conveying part(ies)  
William de Abreu Macêdo  
João Vinicius de Oliveira Correia



2. Name and address of receiving party(ies)  
Name: PRAXAIR TECHNOLOGY, INC.

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip 06810

Execution Date: February 12, 2003

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) 10/384,907

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: \_\_\_\_\_

Internal Address: Joann M. Jelsa

Praxair, Inc.

Law Department - M1 557

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip 06810

6. Total number of applications and patents involved

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

16-2440

(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.

Robert J. Follett  
Name of Person Signing

*Robert J. Follett*  
Signature

May 27, 2003  
Date

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

05/30/2003 ECOOPER 00000157 162440 10384907  
05/30/2003 ECOOPER 00000157 10384907  
Documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:0021 40.00 CH

PATENT  
REEL: 014111 FRAME: 0332

**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS  
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, William de Abreu Macêdo and João Vinicius de Oliveira Correia

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention for "Gas Composition for Arc Welding"

as described and/or claimed in our application for Letters Patent in the United States of America, executed on the 12th day of February, 2003, (Docket No. D-21101).

NOW, THEREFORE, in consideration of our employment by Praxair, Inc. manufacturers, a corporation organized and existing under the laws of the State of Delaware, United States of America, having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810-5113, United States of America, and in fulfillment of our pre-existing obligation of assignment to our employer,

WE DO HEREBY ASSIGN, TRANSFER AND SELL our entire right, title, and interest in and to said invention and application unto

**PRAXAIR TECHNOLOGY, INC.**

technology licensors, a corporation organized and existing under the laws of the State of Delaware, United States of America, its successors and nominees, having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America and being a wholly owned subsidiary of the said Praxair, Inc., as the Assignee, without any restrictions, reservations or limitations, the entire right, title and interest in and to the aforesaid application for Letters Patent and all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues and extension thereof;

INCLUDING ALL RIGHTS in and to said invention in any country of the world, including, but not limited to, all priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and for any and all member countries of the aforesaid International Convention;

AND FURTHER INCLUDING THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the sole right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made, and to enforce said patents with our right to sue in any court of competent jurisdiction and obtain all remedies available, including but not limited to injunctions and to recover lost profits or compensatory and enhanced damages and attorneys fee for any and all infringements thereof,

AND AUTHORIZE our attorney of record to insert below in this instrument the serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention resulting therefrom to said PRAXAIR TECHNOLOGY, INC. as Assignee of the entire right, title and interest, and covenant that we have the full right so to do, and agree that we will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, extensions and reissue applications, make all rightful oaths and generally do everything possible to aid said PRAXAIR TECHNOLOGY, INC. its successors, assigns, or nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED AT JOÃO PAREIRO this 12 day of FEBRUARY, 2003

WITNESSES:

1. [Signature]  
2. [Signature]

[Signature]  
William de Abreu Macêdo

State JOÃO PAREIRO )  
County of JOÃO PAREIRO ) ss:

This 12 day of FEBRUARY, 2003, before me personally came

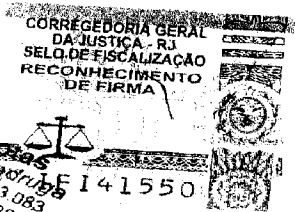
the above-named William de Abreu Macêdo to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public

(Seal)

19 Ofício de Notas - Notário: JOSÉ DE BRITTO FREIRE FILHO  
Av. Rio Branco 120 Sobreloja 20 - RJ - Tel. 2509-3006 - Nº 777713  
Reconheço por semelhança a(s) firma(s): #  
WILLIAM DE ABREU MACEDO, #  
#  
Rio de Janeiro, 12 de Fevereiro de 2003 as 10:49:47  
1- Em Testemunho  
PAULO SERGIO GIANINNI NABRUGA - Autorizado PSGM -  
Válido somente com selo de Fiscalização.  
R\$3,12

Verdade.  
19º Ofício de Notas  
Paulo S. Gianinni Nabruga  
Esc. Subst. Cent. MTPS 43.083  
Av. Rio Branco, 120 SL 20  
Tel. 509-3006



SIGNED AND SEALED AT JOÃO DE JANEIRO this 12  
day of FEBRUARY, 20 03

WITNESSES:

1. [Signature]  
2. [Signature]

[Signature]  
João Vinicius de Oliveira Correia

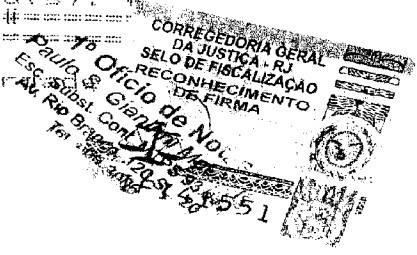
State of JOÃO DE JANEIRO  
County of JOÃO DE JANEIRO } ss:

This 12 day of FEBRUARY, 20 03, before me personally came the  
above-named João Vinicius de Oliveira Correia to me personally known as the individual who  
executed the foregoing assignment, who has acknowledged to me that he/she executed the same of  
his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

(Seal)

12 Ofício de Notas - Notário: JOSÉ DE BRITTO FREIRE FILHO  
Av. Rio Branco 120 Sobreloja 20 - RJ - Tel. 2509-3006 - Nº 777715  
Reconheço por semelhança a(s) firma(s): #  
JOAO VINICIUS DE OLIVEIRA CORREIA, #  
Rio de Janeiro, 12 de Fevereiro de 2003 as 10:50:30  
1- Em Testemunho da verificação de  
PAULO SERGIO GIANINI MADRUGA - Ant. 12030 - PSM - 27  
Válida somente com selo de fiscalização. Vital R\$3,12



ACCEPTANCE

WE, the undersigned, PRAXAIR TECHNOLOGY, INC. of 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America, do hereby declare that we have accepted the foregoing assignment.

Danbury, Connecticut, U.S.A. May 27, 2003

(Seal)

PRAXAIR TECHNOLOGY, INC.

[Signature]  
Witness:

By: Joann M Jelsa  
Joann M. Jelsa  
Authorized Agent

Christina Mammens  
Witness:

The application identified above as Docket No. D-21101 was filed in the United States Patent and Trademark Office on February 12, 2003 and was given Serial Number 10/384,907.

This insertion was made by me this 27th day of May, 2003

Robert J. Follett  
Attorney For Applicant  
Robert J. Follett

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AssignmentPTI.doc