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ATTY. DKT. 99A237

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

1. Name of conveying party(ies):

James K. TSENG  
Mark H. ANDERSON  
Shuen-Cheng HWANG  
Robert Francis WORKOSKY

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

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

Name: The BOC Group, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 575 Mountain Avenue  
City: Murray Hill, New Providence State: NJ ZIP: 07974

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 8/19/99, 8/20/99, 8/19/99 and  
9/2/99, respectively

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)

09/371,315  
filed August 10, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Philip H. Von Neida  
Internal Address: Patent, Trademark & Licensing Dept.  
Street Address: The BOC Group, Inc.  
100 Mountain Avenue  
City: Murray Hill State: NJ Zip: 07974

6. Total number of applications and patents involved: 1

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

☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number: 02-2865

(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.

Philip H. Von Neida  
Registration No. 34,942

MAY 19, 2000

Date

Total number of pages comprising cover sheet: 1

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**JOINT ASSIGNMENT**

**WHEREAS, WE**, James K. TSENG, Mark H. ANDERSON, Shuen-Cheng HWANG And Robert Francis WORKOSKY, all citizens of the United States of America,

residing, respectively at      30 Shady Grove Lane, Berkeley Heights, New Jersey 07922  
   1033 Powder Mill Road, Bethlehem, Pennsylvania 18017  
   3 Chestnut Drive, Chester, New Jersey 07930  
   5544 Princeton Road, Macungie, Pennsylvania 18062

have invented certain new and useful improvements in

**REMOVAL OF NITRIC OXIDE FROM GAS STREAMS**

for which we have made application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. 09/371,315, filing date August 10, 1999; and,

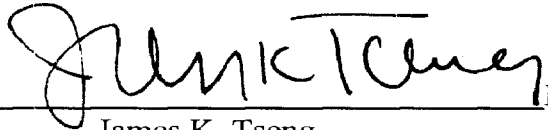
**WHEREAS, The BOC Group, Inc.**, a Delaware Corporation having an office at 575 Mountain Avenue, Murray Hill, New Providence, New Jersey 07974, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application:

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said James K. Tseng, Mark H. Anderson, Shuen-Cheng Hwang and Robert Francis Workosky have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **The BOC Group, Inc.**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **The BOC Group, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

**WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said **The BOC Group, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid the said **The BOC Group, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.


IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19 day of August, 1999.

  
James K. Tseng L.S.

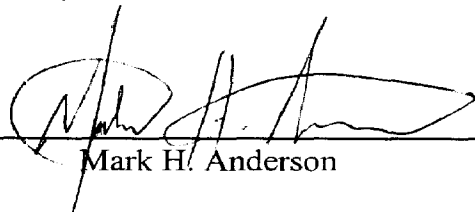
State of New Jersey  
County of Union ss.:

On this 19th day of AUGUST, 1999, before me, a Notary Public in the State and County aforesaid, personally appeared **James K. Tseng**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**GERTRUDE ROTT**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Apr. 15, 2001

  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20 day of AUGUST, 1999.

  
Mark H. Anderson L.S.

State of New Jersey  
County of Union ss.:

On this 20th day of AUGUST, 1999, before me, a Notary Public in the State and County aforesaid, personally appeared **Mark H. Anderson**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**GERTRUDE ROTT**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Apr. 15, 2001

  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19 day of  
August, 1999.



L.S.

Shuen-Cheng Hwang

State of New Jersey

ss.:

County of Union

On this 19<sup>th</sup> day of AUGUST, 1999, before me, a Notary Public in the State and County aforesaid, personally appeared **Shuen-Cheng Hwang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

GERTRUDE ROTT  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Apr. 15, 2001



Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of  
September, 1999.



L.S.

Robert Francis Workosky

State of New Jersey

ss.:

County of Union

On this 2<sup>nd</sup> day of SEPTEMBER, 1999, before me, a Notary Public in the State and County aforesaid, personally appeared **Robert Francis Workosky**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

GERTRUDE ROTT  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Apr. 15, 2001



Notary Public