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07-02-2002

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ATTY. DKT. M02A285

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

1. Name of conveying party(ies):

Natarajan NARASIMHAN
Ramakrishnan RAMACHANDRAN
Satish S. TAMHANKAR
Weibin JIANG

06/25/02

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

3. Nature of conveyance:

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

Execution Date: 5/31/02; 6/3/02; 5/31/02; and 6/3/02,
respectively

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

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

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)

10/144 489
filed May 13, 2002

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: Intellectual Property Department
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

June 19, 2002
Date

07/01/2002 DMYNE 00000043 022865 1014489

Total number of pages comprising cover sheet: 1

01 FC:581 40.00 CH

JOINT ASSIGNMENT

WHEREAS, WE, Natarajan Narasimhan, a citizen of India; Ramakrishnan Ramachandran, a citizen of the United States of America; Satish S. Tamhankar, a citizen of the United States of America; and Weibin Jiang, a citizen of the People's Republic of China

residing, respectively at 36 Forest Glen Drive, Highland Park, New Jersey 08904, USA;
232 Hillside Avenue, Allendale, New Jersey 07401, USA;
2098 Maple View Court, Scotch Plains, New Jersey 07076, USA; and
11 Gales Drive, Apt 2, New Providence, New Jersey 07974, USA

have invented certain new and useful improvements in

GAS RECOVERY PROCESS

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. 10/144,489, filing date May 13, 2002; 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 Natarajan Narasimhan, Ramakrishnan Ramachandran, Satish S. Tamhankar, and Weibin Jiang 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.

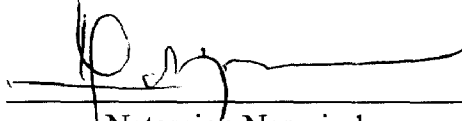
WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

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

31 day of May, 2002.



Natarajan Narasimhan L.S.


State of New Jersey

ss.:

County of Union

On this 31 day of MAY, 2002, before me, a Notary Public in the State and County aforesaid, personally appeared **Natarajan Narasimhan**, 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.

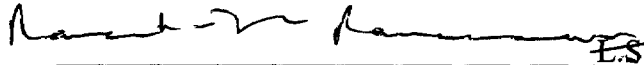
BETTY JEAN LEE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 3, 2006



Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this

3 day of June, 2002.



Ramakrishnan Ramachandran L.S.

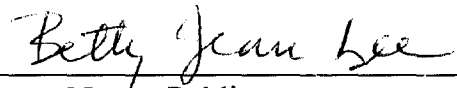
State of New Jersey

ss.:

County of Union

On this 3rd day of JUNE, 2002, before me, a Notary Public in the State and County aforesaid, personally appeared **Ramakrishnan Ramachandran**, 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.

BETTY JEAN LEE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 3, 2006



Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this

31st day of May, 2002.

Satish S. Tamhankar L.S.
Satish S. Tamhankar

State of New Jersey

ss.:

County of Union

On this 29 day of May, 2002, before me, a Notary Public in the State and County aforesaid, personally appeared **Satish S. Tamhankar**, 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.

ANNABELLE L. SHORT
NOTARY PUBLIC OF NEW JERSEY USA
My Commission Expires Jan. 31, 2005

Annabelle L. Short
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this

3rd day of June, 2002.

Weibin Jiang L.S.
Weibin Jiang

State of New Jersey

ss.:

County of Union

On this 3rd day of JUNE, 2002, before me, a Notary Public in the State and County aforesaid, personally appeared **Weibin Jiang**, 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.

BETTY JEAN LEE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 3, 2006

Betty Jean Lee
Notary Public