FORM PTO-1595 1-31-92	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  HEET	
REC 10	0-30-200 HEET	
HAN MARK	HEET  ATTY DATE OF DESCRIPTION OF DE	
1811	101498 <u>542</u> ATTY. DKT. 97B127	Ē
	Please record the attached original documents or copy thereof.	]
Name of conveying party(ies):	2. Name and address of receiving party(ies):	7/0(
John Robert COATES	Name: The BOC Group plc Internal Address	71
John Alan SCHEFELE Paul William KINGSTON	Street Address: Chertsey Road	8
	Windlesham, Surrey GU20 6HJ	<i>:</i>
	ENGLAND City:State:ZIP:	-
Additional name(s) of conveying party(ies) attached? ☐ Yes ☐		
3. Nature of conveyance:	Additional name(s) & address(es) attached? ☐ Yes ☒ No	
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name ☐ Other		
Execution Date: 8/11/00; 8/14/00; and 8/11/00, respectively		
Execution Bute. On the office of the office		
4. Application number(s) or patent number(s):  If this document is being filed together with a new application.	cation, the execution date of the application is: August 18, 2000	
A. Patent Application No.(s)	B. Patent No.(s)	
	09642290	
Additional m	umbers attached? □ Yes ☒ No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1	
concerning document should be mailed:	6. Total number of applications and patents involved.	
Name: Philip H. Von Neida Internal Address: Intellectual Property Department		
Street Address: The BOC Group, Inc.		
C:		
City: Murray Hill State: NJ Zip: 07974	7. Total fee (37 CFR 3.41):	
	☐ Enclosed	
	☑ Authorized to be charged to deposit account	
	8. Deposit account number: 02-2865 (Attach duplicate copy of this page if paying by deposit accounts)	nt)
-0/39/5000 DBARKE DOGGOODE SEET JOHNSEN /	OO NOT USE THIS SPACE	_
81 Flada Abu <b>00 C</b> h		
9. Statement and Signature.		
To the best of my knowledge and belief, the foregoing in copy of the original document,	nformation is true and correct and any attached copy is a true	
O(11/2)	7	
11/1/2 CC	AUGUST 18, 2000	
Philip IV. Von Neida	Date	
Registration No. 34,942	Total number of pages comprising cover sheet:1	

PATENT REEL: 011178 FRAME: 0237

## JOINT ASSIGNMENT

For value received, we John Robert COATES, John Alan SCHEFELE and Paul William KINGSTON, citizens of the United Kingdom, residing, respectively at 42 Weybourne Road, Farnham, Surrey, GU9 9HG, 17 Honro Drive, avidford England; 89 Whitehall Gardens, Chingford, London, E4 6EJ, England; and 254 Newbrook Road, Atherton, 902 9PS Surrey 402 9PS Manchester, M28 9HD, England, do hereby sell and assign to The BOC Group plc, an English Company of Chertsey Road, Windlesham, Surrey GU20 6HJ, England, its successors or assigns, the entire right, title and interest, in our improvement in ADSORPTION APPARATUS for which we have executed an application for Letters Patent of the United States on the same date or dates of this Joint Assignment which application claims priority from United Kingdom application number GB 9919965.5, filed August 23, 1999; and, together with any Letters Patent which may be granted therefor, and any divisions, reissues, continuations or extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent resulting therefrom to said Company as assignee, and covenant that we have full right so to do and agree that we will communicate to said Company or its representatives any facts known to us respecting said improvement and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation and reissue applications in connection therewith, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns or nominees to obtain and enforce in the United States proper protection for said improvement.

<u>Date</u>	<u>Assignor</u>	Witnessed By:
idaus 80	John Pobert Coates	At: 30 POWESTRY ROAD,
14TH AV6 00	John Alan Schefele	Auch J Abbey Wharf Ind 25th
ir <sup>th</sup> Aug 100	Paul William Kingston	tingstoring end Essex 16-11 0BD.  INTERNALLE  At: 30 PRIESTRY ROAD.
		GUILDFORD, SUPPREY, GUZSYH

PATENT RECORDED: 08/18/2000 REEL: 011178 FRAME: 0238