03-19-2001 DT-3850 RECORDAT: S. DEPARTMENT OF COMMERCE \mathbf{p}_{i} tent and Trademark Office 101639680 To the Honorable Commissioner of Patents and Trademai al documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Pfeiffer Vacuum GmbH Armin Conrad, Heinrich Lotz Additional name(s) of conveying party(ies) attached? Internal Address: ____ Yes X No 3. Nature of conveyance: Street Address: Emmeliusstrasse 33 D-35614 Asslar, Germany X Assignment Security Agreement Additional name(s) & address(es) attached? Yes X No Merger Change of Name Other Execution Date: - February 12, 2001 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: - February 12, 2001. Patent Application No.(s) Patent No.(s) Α. Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved concerning document should be mailed: Total fee (37 CFR 3.41) \$ 40.00 David Toren Enclosed Internal Address: BROWN & WOOD LLP Authorized to be charged to deposit account #50-0955 Street Address: One World Trade Center 54th Floor 8. Deposit account number: 50-0955 City: NEW YORK State: NY. Zip: 10048-0557 (Attach duplicate copy of this page if paying by deposit account) Do not use this space 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.

Alexander Zinchuk

Name of Person Signing

Alexander Binchuk

February 23, 2001

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#768939

PATENT REEL: 011583 FRAME: 0548 WHEREAS, Armin Conrad and Heinrich Lotz, of Herborn and Wetzlar, respectively, both of Germany, have invented certain new and useful improvements in

GAS FRICTION PUMP

for which they are about to make application for Letters Patent of the United States of America:

AND WHEREAS, Pfeiffer Vacuum GmbH

of Emmeliusstrasse 33, D-35614 Asslar, Germany is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States:

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of the sum of One Dollar (\$1.00) and other valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold and set over and by these presents do assign, sell and set over unto the said

Pfeiffer Vacuum GmbH

for the territory of the United States of America and not elsewhere, the full and exclusive right, title and interest in and to the said invention, as fully set forth and described in the specification filed herewith, preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said

Pfeiffer Vacuum GmbH

for its own use and behoof and for the use and behoof of its successors and assigns to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

IN WITNESS WHER	EOF, I have hereunto set my hand this 11 day of February.
	Armin Conrad Heinrich Lotz
In the presence of Witness: J. Shariffa Date: Fin 11, 2001	
BROWN & WOOD, LLP	One World Trade Center New York, NY 10048-0557

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RECORDED: 02/23/2001

PATENT REEL: 011583 FRAME: 0549