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DT-2888 3·3·19 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	U.S. DEPARTMENT OF COMMERCI Patent and Trademark Office			
To the Honorable Commissioner of Patents	987693			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Christopher Mark Rippl	Name: Pfeiffer Vacuum GmbH			
Additional name(s) of conveying party(ies) attached? Yes X No	Name: Pfeiffer Vacuum GmbH Internal Address: Street Address: Emmeliusstrasse 33 D-35614 Asslar			
3. Nature of conveyance:	Street Address: Emmeliusstrasse 33 D-35614 Asslar			
<u>X</u> Assignment Security Agreement	City: Germany U			
Merger Change of Name Other	Additional name(s) & address(es) attached? Yes _X No			
Execution Date: <u>January 13, 1999</u> .				
4. Application number(s) or patent number(s):				
If this document is being filed together wit the application is: <u>January 13, 1999</u> .	th a new application, the execution date of			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers att	tached? Yes X No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved			
Name: David Toren Internal Address: ANDERSON, KILL & OLICK, P.C.	7. Total fee (37 CFR 3.41)			
Street Address: 1251 Avenue of the Americas 44th Floor City: NEW YORK State: N.Y. Zip: 10020-1182	8. Deposit account number: 01-1944 (Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. To the best of my knowledge and belief, the foregoing info copy of the original document.	ormation is true and correct and any attached copy is a true			
David Toren	March 3, 1999			
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NY2-113921.1

PATENT REEL: 9811 FRAME: 0118

ASSIGNMENT OF U.S. PATENT APPLICATION

DT-2888

WHEREAS, Christopher Mark Rippl, of Wetzlar, Germany has invented certain new and useful improvements in

MULTISHAFT VACUUM PUMP

for which he is about to make application for Letters Patent of the United States of America:

AND WHEREAS, Pfeiffer Vacuum GmbH

of Emmeliusstr. 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 me in hand paid, the receipt of which is hereby acknowledged, I 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 me had this assignment and sale not been made.

IN WITNESS WHEREOF,	I have	hereunto	(het	rela	his 13th Henh rk Rippl	
In the presence of						
Witness: July Cir. V Colf Date: 13.1.99						

AKO-TOREN

1251 Avenue of the Americas, New York, NY 10020-1182

NY2-165870.

PATENT REEL: 9811 FRAME: 0119