PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| JAN HOFMANN | 06/17/2014 |
| MIRKO MEKOTA | 06/23/2014 |

RECEIVING PARTY DATA

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| State/Country: | GERMANY | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14258091 |

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| NAME OF SUBMITTER: | ALEXANDER ZINCHUK | |
| SIGNATURE: | /Alexander Zinchuk/ | |
| DATE SIGNED: | 07/16/2014 | |

Total Attachments: 1

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PATENT REEL: 033322 FRAME: 0666

502893861

ASSIGNMENT OF U.S. PATENT APPLICATION

WHEREAS, Jan Hofmann of Gruenberg and Mirko Mekota of Ehringshausen, both of Germany, have invented certain new and useful improvements in

STATOR ELEMENT FOR A HOLWECK PUMP STAGE, VACUUM PUMP HAVING A HOLWECK PUMP STAGE AND METHOD OF MANUFACTURING A STATOR ELEMENT FOR A HOLWECK PUMP STAGE

for which they are filing application for Letters Patent of the United States of America;

AND WHEREAS, Pfeiffer Vacuum GmbH

of Berliner Strasse 43, D-35614 Asslar, Germany, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefore 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 them 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 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 therefore; 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 WHEREOF we have hereunto set my hand:

ABELMAN, FRAYNE & SCHWAB 666 Third Avenue New York, NY 10017-5621

> **PATENT REEL: 033322 FRAME: 0667**

RECORDED: 07/16/2014