

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|---|--------------------------|---------------|-----------------|---------------------|--------------------------|----------------------|-------------|------------------|----------------------|----------------|----------------|--------------|----------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stephen Dowdeswell</td> <td>11/18/2009</td> </tr> <tr> <td>Nigel Paul Schofield</td> <td>11/23/2009</td> </tr> <tr> <td>Peter Hugh Birch</td> <td>11/23/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Stephen Dowdeswell | 11/18/2009 | Nigel Paul Schofield | 11/23/2009 | Peter Hugh Birch | 11/23/2009 | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>EDWARDS LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>Crawley Business Quarter</td> </tr> <tr> <td>Internal Address:</td> <td>Manor Royal</td> </tr> <tr> <td>City:</td> <td>Crawley, West Sussex</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>RH10 9LW</td> </tr> </table> | | Name: | EDWARDS LIMITED | Street Address: | Crawley Business Quarter | Internal Address: | Manor Royal | City: | Crawley, West Sussex | State/Country: | UNITED KINGDOM | Postal Code: | RH10 9LW |
| Name: | EDWARDS LIMITED | | | | | | | | | | | | |
| Street Address: | Crawley Business Quarter | | | | | | | | | | | | |
| Internal Address: | Manor Royal | | | | | | | | | | | | |
| City: | Crawley, West Sussex | | | | | | | | | | | | |
| State/Country: | UNITED KINGDOM | | | | | | | | | | | | |
| Postal Code: | RH10 9LW | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12311513</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12311513 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12311513 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (408)654-9493</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-496-1177 x2222</p> <p>Email: loretta.sandoval@edwardsvacuum.com</p> <p>Correspondent Name: Ting-Mao Chao</p> <p>Address Line 1: 2041 Mission College Blvd., Ste. 260</p> <p>Address Line 2: EDWARDS VACUUM, INC.</p> <p>Address Line 4: Santa Clara, CALIFORNIA 95054</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | M06B124 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Ting-Mao Chao | | | | | | | | | | | | |
| Total Attachments: 4 | | | | | | | | | | | | | |

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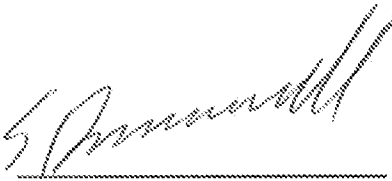
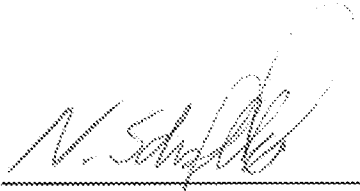
WHEREAS, I/We, Stephen Dowdeswell, a citizen of the United Kingdom; Nigel Paul Schofield, a citizen of the United Kingdom; and Peter Hugh Birch, a citizen of the United Kingdom, residing at 3 Blackcap Close, Southgate West, Crawley, West Sussex, RH11 8TW, United Kingdom; Milton House, 14 Rushams Road, Horsham, West Sussex, RH12 2NT; and 27 Little Oak, Partridge Green, Horsham, West Sussex, RH13 8JY, United Kingdom, have invented certain new and useful improvements in VACUUM PUMP for which I/We have made application for Letters Patent of the United States, which application may be identified in the United States Patent and Trademark Office as Serial No. 12/311,513, filed April 01, 2009; which application claims priority from International Application No. PCT/GB2007/050595, filed October 01, 2007; and GB 0620144.6, filed October 11, 2006 and,

WHEREAS, Edwards Limited, an English Company of Manor Royal, Crawley, West Sussex, RH10 9LW, United Kingdom, 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 me/us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the said Stephen Dowdeswell, Nigel Paul Schofield and Peter Hugh Birch have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Edwards Limited**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, the said improvements, and the said application, all applications derived therefrom and all continuing prosecution applications, conversions, 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 or Inventor's Certificates which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent or Inventor's Certificates 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 I/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 **Edwards Limited**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND I/WE HEREBY further covenant and agree that I/We will communicate to the said Edwards Limited, its successors, legal representatives and assigns, any facts known to me/us respecting said invention and said improvements, and testify in any legal proceeding, sign all lawful papers, execute all continuing prosecution, divisional, continuing, reexamination and reissue applications, make all rightful oaths, and generally do everything possible to aid the said Edwards Limited, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said inventions and improvements in all countries.

| <u>Date</u> | <u>Assignor</u> | <u>Witnessed By:</u> |
|-----------------------------|--|--|
| <u>11/18/2009</u> |  <u>Stephen Dowdeswell</u> | <u>Ulrich Höfer</u> At: <u>Burgess Hill</u> <u>(EDWARDS)</u> |
| <u>11/23/2009</u> |  <u>Nigel Paul Schofield</u> | <u>MICHAEL LIM</u> At: <u>Burgess Hill</u> <u>Edwards</u> |
| <u> </u> | <u>Peter Hugh Birch</u> | At: <u> </u> |

ASSIGNMENT


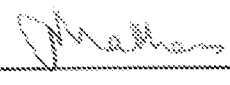
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| <u>Date</u> | <u>Assignor</u> | <u>Witnessed By:</u> |
|-------------|---|--|
| _____ | Stephen Dowdeswell | At: _____ _____ |
| _____ | Nigel Paul Schofield | At: _____ _____ |
| 11/23/2009 |  Peter Hugh Birch |  At: 25 Little Oak Partridge Green |