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| ro the Honorable Commissioner | 102221558 | ord the attached original documents or copy thereof. | |
| 1. Name of conveying party(ies): 9-1 Yoshinobu OHTACHI, Akira YAI Takaharu ISHIKAWA and Hirot NAMIKI Additional name(s) of conveying party(ies) attached? | MAUCHI, Namaka Inte | me: BOC Edwards Technologies Limited ernal Address: | |
| 3. Nature of conveyance: | | | |
| | Merger Str | reet Address: 3-1, Yashiki 4-chome, | |
| ☐ Security Agreement ☐ (| Change of Name | Narashino-shi | |
| □ Other | Cit | y: Chiba State: Japan ZIP: | |
| Execution Date: September 3, 200 | 2 | ditional name(s) & address(es) attached? Yes No | |
| Application number(s) or patent number(s) |): | | |
| If this document is being filed together wit | h a now application, the exc | acution data of the application is: | |
| it this document is being fried together wit | п а нем аррисацоп, ше ех | ecution date of the applications. | |
| A. Patent Application No.(s) 10/177 | ,834 B. | Patent No.(s) | |
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| Additional numbers attached? □ Yes to No | | | |
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| Name and address of party to whom corrections concerning document should be mailed: | espondence 6. To | otal number of applications and patents involved: | |
| Name: Bruce L. Adams, Esq | · 7. To | otal fee (37 CFR 3.41)\$ 40.00 | |
| Internal Address: | | | |
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| | ANY | Authorized to be charged to deposit account DEFICIENCY IN ENCLOSED FEE | |
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| 9 Statement and signature. To the best of my knowledge and belief, the original document. | he foregoing information is | tute and correct and any attached copy is a true copy of | |
| Rruce L. Adams | (' Title L. | Sept. 4, 2002 | |
| Name of Person Signing Total nun | Signatur Signaturing cover she | | |
| . Star flat | -7 | cover sheet information ING CERTIFICATE ON | |

ASSIGNMENT

WHEREAS, we, Takaharu ISHIKAWA and Akira YAMAUCHI residing at c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan and Yoshinobu OHTACHI and Hirotaka NAMIKI residing at c/o BOC Edwards Technologies Limited, located and doing business at 3-1, Yashiki 4-chome, Narashino-shi, Chiba, Japan have invented new and useful improvements in VACUUM PUMP

for which we have prepared an application for Letters Patent of the United States of America;

AND WHEREAS, BOC Edwards Technologies Limited, located and doing business at 3-1, Yashiki 4-chome, Narashino-shi, Chiba, Japan, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold and transferred and by these presents do hereby assign, sell and transfer unto the said BOC Edwards Technologies Limited for the territory of the United States of America, our entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by us on September 3, 2002, filed June 21, 2002, Serial No. 10/177,834, preparatory to obtaining Letters Patent thereon and in and to any and all divisions, reissues and continuations thereof, and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said BOC Edwards Technologies Limited, its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment, sale and transfer not been made.

> PATENT REEL: 013277 FRAME: 0489

AND, we hereby covenant and agree that we will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and we hereby authorize and request the Honorable Commissioner of Patents and Trademarks to issue the said Letters Patent to the said BOC Edwards Technologies Limited. in accordance with this assignment.

| Executed this 3rd day of | September , 2002 a | t |
|--------------------------|--------------------------------|----------|
| Witness: | | |
| Masaki Hori | 大 立 セテ イ中 Yoshinobu OHTACHI | _ (L.S.) |
| _ | 並未為能 Hirotaka NAMIKI | (L.S.) |
| | 石川 路 治 Takaharu ISHIKAWA | _ (L.S.) |
| _ | Akira YAMAUCHI | (L.S.) |

RECORDED: 09/04/2002

PATENT REEL: 013277 FRAME: 0490