504948417 06/07/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI KABASAWA	05/25/2018

RECEIVING PARTY DATA

Name:	EDWARDS JAPAN LIMITED	
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Internal Address:	YACHIYO-SHI	
City:	CHIBA	
State/Country:	JAPAN	
Postal Code:	276-8523	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15781942

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NAME OF SUBMITTER:	CHRISTINE N. NELSON	
SIGNATURE:	/Christine N. Nelson/	
DATE SIGNED:	06/07/2018	

Total Attachments: 2

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PATENT 504948417 REEL: 046009 FRAME: 0532

ASSIGNMENT

WHEREAS, I/We, Takashi KABASAWA, a citizen of/ citizens of Japan, having an mailing address at Edwards Japan Limited, 1078-1, Yoshihashi, Yachiyo-shi, Chiba, 276-8523, Japan, have invented certain new and useful improvements in VACUUM PUMP, AND ROTOR BLADE AND REFLECTION MECHANISM MOUNTED IN VACUUM PUMP for which I/We have made application for Letters Patent of the United States on even dates herewith; which application claims priority from International Application No. PCT/JP2016/086592, filed December 8th, 2016; and,

WHEREAS, Edwards Japan Limited, a Japanese Company having a place of business at 1078-1, Yoshihashi, Yachiyo-shi, Chiba, 276-8523, Japan, 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 Takashi KABASAWA have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Edwards Japan 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 Japan 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.

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AND I/WE HEREBY further covenant and agree that I/We will communicate to the said Edwards Japan 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 Japan Limited, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said inventions and improvements in all countries.

Date Assignor Witnessed By:

May 25, 2018 T. Habasawa Jakasha
Takashi KABASAWA Tsutomu TAKAADA

At Edwards Japan Limited

At: **Edwards Japan Limited** 1078-1, Yoshihashi, Yachiyo-shi Chiba, 276-8523, Japan

> PATENT REEL: 046009 FRAME: 0534

RECORDED: 06/07/2018