

07/05/2011

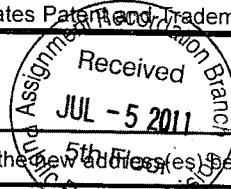
U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103628304

ET

PE



To the Director of the U.S. Patent and Trademark Office

documents or the new address(es) below.

**1. Name of conveying party(ies)**

Robert W. Shaffer

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) March 28, 2011

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Air Squared, Inc.

Internal Address: \_\_\_\_\_

Street Address: 3001 Industrial Lane # 3

City: Broomfield

State: Colorado

Country: USA Zip 80020

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/703,585

Additional numbers attached? ☐ Yes ☒ No



**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Paul M. Denk

Internal Address: DN 7616

Street Address: 763 South New Ballas Rd., STE. 305

City: St. Louis

State: Missouri Zip: 63115

Phone Number: 314-872-8136

Fax Number: 314-872-8136

Email Address: denkpatentlaw@earthlink.net

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

07/05/2011 AMULLINS 00000017 11703585  
Deposit Account Number 01 FC:0021 40.00 00

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

7-29-11  
Date

Paul M. Denk

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

5-10-11

## ASSIGNMENT

WHEREAS, I, the undersigned, Robert W. Shaffer, a citizen of the United States and residing in the County of Broomfield, and State of Colorado, am employee of Air Squared, Inc., a Colorado corporation, having a place of business located at 3001 Industrial Lane #3, Broomfield, CO 80020, and I understand and acknowledge that I enjoy such employment, in part, because of my potential capacity to invent, and that one of my duties as such an employee is to endeavor to make invention and improvements upon the same for the benefit of my employer, and that a condition of said employment is that all patent rights appertaining to any invention by me, in the course of my employment, to be assigned by me unto the said Air Squared, Inc. without any additional charge whatsoever in addition to my salary;

AND WHEREAS, in the course of said employment, I, the undersigned, Robert W. Shaffer, am the inventor having invented certain improvements in

### **ADVANCED SCROLL COMPRESSOR, VACUUM PUMP, AND EXPANDER**

for which application was made to obtain letters patent of the United States.

NOW, THEREFORE, know all men by these presents that in compliance with the duties and obligations inherent in my aforesaid agreement, and in further consideration of a bonus of One Dollar (\$1.00) in hand paid by Air Squared, Inc., (receipt whereof by me is hereby acknowledged) I, said Robert W. Shaffer, do hereby formally assign, transfer, and set over unto said Air Squared, Inc., a corporation, its successors and assigns, all right, title, and interest in and to the aforesaid invention and patent application upon Advanced Scroll Compressor, Vacuum Pump, and Expander, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made; and I agree to execute such further applications, powers of attorney, assignments and other documents as may be necessary or desirable to fully effectuate this agreement.

AND, I further grant to Air Squared, Inc., its successors and assigns, the right to claim for any application for said invention the full benefit of any international agreement between the United States and any foreign country or countries.

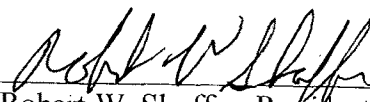
AND I DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent, when granted, to the said its successors and assigns, as assignee of the entire right, title, and interest in and to the said invention, for the sole use and behoof of said Air Squared, Inc., corporation, for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

The Serial Number and filing date for the patent application contained in this assignment is as follows:

Serial No.: 11/703,585

Filed: February 6, 2007

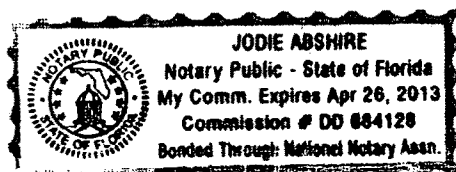
EXECUTED and delivered this 28<sup>th</sup> day of March, 2011.


  
Robert W. Shaffer, President

STATE OF Florida )  
COUNTY OF Flagler ) SS:

On this 28<sup>th</sup> day of March, 2011, before me, a Notary Public, personally appeared Robert Shaffer, to me known to be the person named in and who executed the above assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

[SEAL]



  
Notary Public

My Commission Expires: April 26, 2013

D.N. 7616