

Docket No.: 2802-204-039

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No 0851-0027 (exp.5/31/2002)  
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Eugene A. Dianetti**

Additional names(s) of conveying party(ies)  Yes  No

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

Name: **Parker-Hannifin Corporation**

Address: **6035 Parkland Boulevard**

City: **Cleveland** State/Prov.: **OH**

Country: **USA** ZIP: **44124-4141**

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other

Execution Date: **February 27, 2004**

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.	Filing date	B. Patent No.(s)
10/688,578	10/17/2003	

Additional numbers  Yes  No

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

Name: **JOHN A. MOLNAR, JR.**

Registration No. **36,611**

Address: **Parker-Hannifin Corporation**

**6035 Parkland Boulevard**

City: **Cleveland** State/Prov.: **OH**

Country: **USA** ZIP: **44124-4141**

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

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

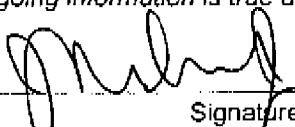
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**JOHN A. MOLNAR, JR.**  **03/05/2004**

Name of Person Signing Signature Date

3

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PATENT

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PATENT OR DESIGN: SOLE OR JOINT  
(U.S. and Foreign Rights)

**ASSIGNMENT FOR UNFILED APPLICATION FOR UNITED STATES  
PATENT**

(Sole or Joint Inventors)

WHEREAS:

FULL NAME(S) AND  
POST OFFICE ADDRESS(S)  
OF INVENTOR(S) (including  
country)

Eugene A. Dianetti  
2051 Highsplint Drive  
Rochester Hills, Michigan US 48307

(hereinafter referred to as ASSIGNOR), have invented and  
own a certain invention entitled:

TITLE OF  
INVENTION

REFRIGERATION EXPANSION VALVE WITH  
THERMAL MASS POWER ELEMENT

for which application for Letters Patent of the United States  
was filed on October 17, 2003 and assigned U.S. Patent  
Application Serial No. 10/688,578.

WHEREAS:

FULL NAME AND  
ADDRESS (including country)  
OF ASSIGNEE

PARKER-HANNIFIN CORPORATION  
6035 Parkland Boulevard  
Cleveland, Ohio 44124-4141  
U.S.A.

(hereinafter referred to as ASSIGNEE), is desirous of  
acquiring the entire interest in, to and under said invention and  
in, to and under Letters Patent or similar legal protection to be  
obtained therefor in the United States and in any and all  
foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY  
CONCERN: Be it known that in consideration of the payment  
by ASSIGNEE to ASSIGNOR of the sum of One Dollar  
(\$1.00), the receipt of which is hereby acknowledged, and for  
other good and valuable consideration, ASSIGNOR hereby  
sells, assigns and transfers to ASSIGNEE the full and  
exclusive right, title and interest to said invention in the  
United States and its territorial possessions and in all foreign  
countries and to all Letters Patent or similar legal protection in  
the United States and its territorial possession and in any and  
all foreign countries to be obtained for said invention by said  
application or any continuation, division, renewal,

(Assignment for Filed Application for United States Patent--page 1 of 2)

substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

**Warning**

**DATE OF SIGNING**

This must be the same as the

date of signing of the Declaration and Power of the patent or design application

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 27 day of February, 2004.

(Date of Signing)

**SIGNATURE(S)**

The signature(s) must correspond with the name(s) of the inventor(s) above

  
(Signature) Eugene A. Dianetti

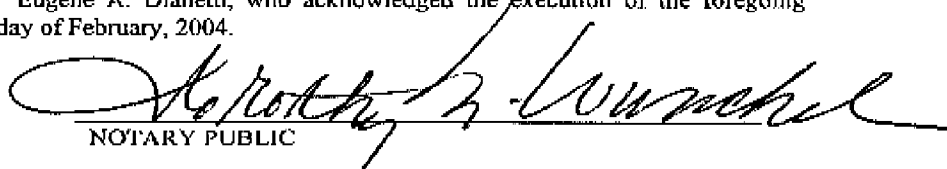
\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Signature)

State of Michigan )  
County of \_\_\_\_\_ )

ROBERT W. LUNDQVIST  
NOTARY PUBLIC MICHIGAN CO., MI  
MY COMMISSION EXPIRES Feb 16, 2005

Before me personally appeared the above named Eugene A. Dianetti, who acknowledged the execution of the foregoing instrument as his free act and deed on this 27<sup>th</sup> day of February, 2004.

  
NOTARY PUBLIC

Instruction sheet for assignment Signing

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed.

No witnessing or legalization is necessary. However, if this assignment is legalized then it will only be prime facie evidence of the execution of the assignment.

(Assignment for Filed Application for United States Patent--page 2 of 2)

**PATENT**