

11-12-2003

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

RE

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PATENTS ONL.U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Alexander Lifson  
Michael F. Taras

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

Name: Carrier Corporation

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

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: P.O. Box 4800

Carrier Parkway

City: Syracuse State: NY Zip: 13221

Execution Date: 10/27/2003; 10/27/2003

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

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

If this document is being filed together with a new application,  
enter the date the patent was signed by the first named executing inventor: 10/27/2003

A. Patent Application No.(s)

Herewith

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Theodore W. Olds

Internal Address: Carlson, Gaskey &amp; Olds, P.C.

Street Address: 400 West Maple

Suite 350

City: Birmingham State: Michigan Zip: 48009

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

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

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

03-0835 - Carrier

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
(Attach duplicate copy of this page if paying by deposit account)

## DO NOT USE THIS SPACE

## 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.

Theodore W. Olds

Name of Person Signing

Signature

October 28, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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PATENT  
REEL: 014670 FRAME: 0628

**ASSIGNMENT**  
**(Joint Inventors)**

WHEREAS, We, **Alexander Lifson and Michael F. Taras**, (hereinafter referred to as Assignors), residing respectively at **8198 Dycus Circle, Manlius, NY 13104 and 5424 Springview Drive, Fayetteville, NY 13066**, have invented new and useful improvements in:

**REFRIGERANT CYCLE WITH OPERATING RANGE EXTENSION**

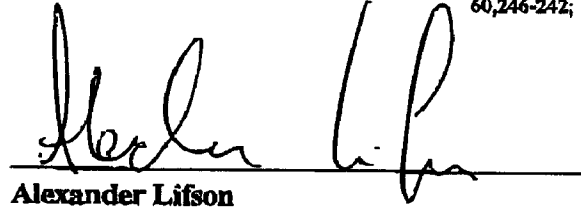
which is set forth in an application for Letters Patent in the United States executed on even date herewith:

AND WHEREAS, **Carrier Corporation**, (hereinafter referred to as Assignee), of **P.O. Box 4800, Carrier Parkway, Syracuse, New York 13221**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

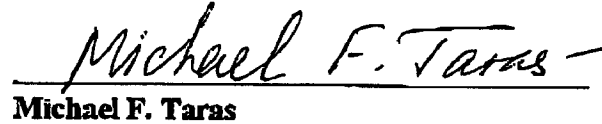
AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: October 27/2003

  
Alexander Lifson

60,246-242; 10,575

Dated: October 27, 2003

  
Michael F. Taras

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

**THEODORE W. OLDS  
CARLSON, GASKEY & OLDS  
400 W. Maple Rd., Ste. 350  
Birmingham, MI 48009  
(248) 988-8360**

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