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102745188

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

1. Name of conveying party(ies): 5-10-04
Rajendra K. Shah
Chris Puranen
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Carrier Corporation
Internal Address: _____
Street Address: P.O. Box 4800
Carrier Parkway
City: Syracuse State: NY Zip: 13221
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
May 5, 2004
May 5, 2004
Execution Date: _____

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: May 5, 2004
A. Patent Application No.(s) 10842377 B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
concerning document should be mailed:
Name: David L. Wisz
Internal Address: Carlson, Gaskey & 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)

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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.
David L. Wisz [Signature] May 10, 2004
Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to:
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05/14/2004 ECDPER 00000015 030835 10842377
01 FC:8021 40.00 DA

PATENT
REEL: 015321 FRAME: 0353

00746 U.S. PTO
10/842377



051004

ASSIGNMENT
(Joint Inventors)

WHEREAS, We, **Rajendra K. Shah** and **Chris Puranen**, (hereinafter referred to as Assignors), residing respectively at **5809 Dapple Trace, Indianapolis, Indiana 46228** and **11126 Kelly Lane, Noblesville, Indiana 46060**, have invented new and useful improvements in:

SERVICE AND DIAGNOSTIC TOOL FOR HVAC SYSTEMS

which is set forth in an application for Letters Patent in the United States executed on even date herewith, and which claims priority to United States Provisional Patent Application Serial No. 60/537532, filed January 7, 2004.

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.

5-5-2004
Dated

Rajendra K Shah
Rajendra K. Shah

5-5-2004
Dated

Chris Puranen
Chris Puranen

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

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