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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102303473

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

1. Name of conveying party(ies):

David Charles Lyons
Robb Edward Bennett
Ronald John Shimek
Bradley Dean Determan

12-2-02

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

HON Technology Inc.
P.O. Box 1109
414 East Third Street
Muscatine, Iowa 52761-7109

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

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: October 9, 2002, November 8, 2002,
November 11, 2002, November 12, 2002

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

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

A. Patent Application No.(s)

B. Patent No.(s)

6,145,502

Additional numbers attached? Yes No

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

Name: Matthew A. Doscotch
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903



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. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

Matthew A. Doscotch
Name of Person Signing

Matthew A. Doscotch
Signature

November 26, 2002
Date

Total number of pages including cover sheet, attachments, and document: 5

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

Box Assignments
Director - U.S. Patent and Trademark Office
Washington, D.C. 20231

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12/05/2002 DBYRNE 00000141 6145502

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PATENT
REEL: 013542 FRAME: 0198

ASSIGNMENT

WHEREAS, we, David Charles Lyons, residing at 3365 Wild Turkey Lane, Red Wing, Minnesota 55066/USA, Robb Edward Bennett, residing at 16346 Creekwood Road, Prior Lake, Minnesota 55322/USA, Ronald John Shimek, residing at 2955 Fox Hollow Drive, Prior Lake, Minnesota 55372/USA and Bradley Dean Determan, residing at 17052 Kings Court, Lakeville, Minnesota 55044/USA, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 2, 1999, application Serial No. 09/257,743, issued on November 14, 2000 as U.S. Patent No. 6,145,502, which is entitled DUAL MODE OF OPERATION FIREPLACES FOR OPERATION IN VENTED OR UNVENTED MODE.

AND WHEREAS, HON Technology Inc., a corporation organized and existing under and by virtue of the laws of the State of Iowa, and having an office and place of business at P.O. Box 1109, 414 East Third Street, Muscatine, Iowa 52761-7109 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

AND WHEREAS, any previous assignment on file with the United States Patent and Trademark Office was executed for the benefit of an assignee that was not in existence at the time of the execution of the assignment;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign

countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.


IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of

Oct, 2002.

David Charles Lyons
David Charles Lyons

STATE OF MN)
COUNTY OF Scott) ss.

On this 9 day of Oct, 2002, before me personally appeared David Charles Lyons to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]  Patricia L. Bond
Notary Public

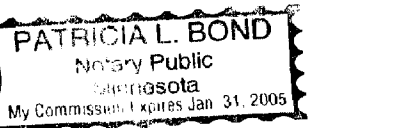
IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of

Nov, 2002.

Robb Edward Bennett
Robb Edward Bennett

STATE OF MN)
COUNTY OF Scott) ss.

On this 12 day of Nov, 2002, before me personally appeared Robb Edward Bennett to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]  Patricia L. Bond
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of

Nov, 2002.

Ronald John Shimek
Ronald John Shimek

STATE OF MN)
) ss.
COUNTY OF SOTH)

On this 8 day of Nov, 2002 before me personally appeared Ronald John Shimek to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Patricia L. Bond
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of

Nov, 2002.

Bradley Dean Determan
Bradley Dean Determan

STATE OF MN)
) ss.
COUNTY OF SOTH)

On this 11 day of Nov, 2002, before me personally appeared Bradley Dean Determan to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Patricia L. Bond
Notary Public

