

Rev 05/03

06-26-2003

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTo the Honorable Commissioner of
thereof.

102482499

the attached original documents or copy

1. Name of conveying party(ies)
 Gary Orbeck
 Robert Honnors
 Wayne L. Gibbs

6.17.03

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

2. Name and address of receiving party(ies)

Name: BTU INTERNATIONAL, INC.

Internal Address:

Street Address: 23 Esquire Road

City: N. Billerica State: MA Zip: 01862

Country:

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

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of
Name☐ Other

6/11/03, 6/10/03 and

Execution Date: 6/13/03 respectively

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: 6/11/03, 6/10/03 and 6/13/03.

A. Patent Application No.(s)

B. Patent No.(s)

10463654

Additional numbers attached? ☐ Yes ☒ No

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

Weingarten, Schurgin,
 Gagnebin & Lebovici LLP
 Ten Post Office Square
 Boston, Massachusetts 02109

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:

(Attach duplicate copy of this page if paying by
 deposit account)

06/25/2003 6TON11 00000079 10463654

01 PC:8021

40.00 OP

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.

Attorney Name: Stanley M. Schurgin

Registration No. 20,929

Signature:

Date: 6/17/03

Total number of pages including cover sheet, attachments, and document: [3]

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

Mail Stop Assignment Recordation Services

Director of U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

Express Mail Number

PATENT 10463654

REEL: 014198 FRAME: 0664

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we,

Gary Orbeck, residing at 33 Heritage Hill, Windham, NH 03087,
Robert Honnors, residing at 13 Yvonne Drive, Pepperell, MA 01468,

and

Wayne L. Gibbs, residing at 13 Morrison Lane, Sandown, NH 03873,

hereby sell and assign to BTU INTERNATIONAL, INC, a Delaware corporation, having a principal place of business at 23 Esquire Road, North Billerica, MA 01862, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention in

CONVECTION FURNACE THERMAL PROFILE ENHANCEMENT

and the application for United States Letters Patent therefor executed by us on 6/11/03, 6/10/03, 6/13/03 and identified as Attorney Docket No. BTU-097XX, and such patents as may issue thereon and all divisions, reissues and continuations and continuations-in-part thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said BTU INTERNATIONAL, INC., execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said BTU INTERNATIONAL, INC., its successors and assigns, to obtain and enforce proper patent protection for said invention in the United States, its territories and all foreign countries.

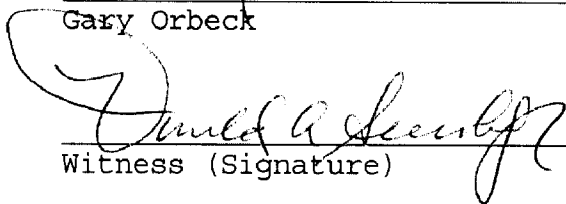
And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to BTU INTERNATIONAL, INC., its successors and assigns.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.



Gary Orbeck

Date: 6/11/03



Witness (Signature)

Date: 6/11/03

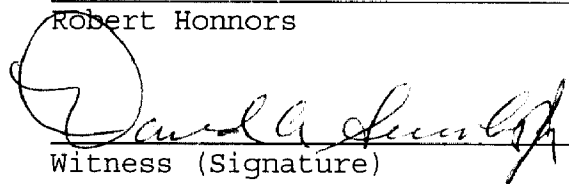
Donald A. Secombe, Jr

Witness (Please Print Name)

Robert Honnors

Robert Honnors

Date: 6/10/03



Witness (Signature)

Date: 6/10/03

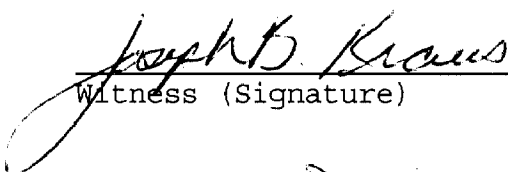
Donald A. Secombe, Jr

Witness (Please Print Name)

Wayne L. Gibbs

Wayne L. Gibbs

Date: 6-13-03



Witness (Signature)

Date: 6-13-03

JOSEPH B. KRAUS

Witness (Please Print Name)

291993