FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE SHEET Patent and Trademark Office 102570694 To the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Please record and index the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Thermo King Corporation Panayu Robert Srichai, William Francis Mohs and Bradley Name: Michael Ludwig Address: 314 West 90th Street 9-26-03 Minneapolis, Minnesota 55420-3693 Additional name(s) & address(es) attached? _ Yes X No 3. Nature of Conveyance: Assignment Execution Date: September 26, 2003 This document is being filed together with a new application. The execution date of the application is: September 26, 2003 NO ADDITIONAL NUMBERS ATTACHED. 5. Name and address of party to whom correspondence concerning document should Total number of applications and patents involved: $\underline{1}$ 6. be mailed: Donald W. Walk 7. Total fee (37 CFR 3.41):.....\$ 40.00 Michael Best & Friedrich LLP 3773 Corporate Parkway Suite 360 __ Enclosed Center Valley, Pennsylvania 18034 X Charge Fee to Deposit Account Phone: 610-798-2170 Deposit account number: 09-0260 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true philocorrect and any atlached copy is a true copy of the original document. September 26, 2003 Stephen A. Gigot (Reg. No. 51,232) Name of Person Signing Date

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

Attorney File 090402-9454-00

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PATENT REEL: 014559 FRAME: 0167

ASSIGNMENT

Pursuant to our obligation to Thermo King Corporation (hereinafter referred to as "Assignee"), a Delaware Corporation having its principal place of business at:

314 West 90th Street
Minneapolis, Minnesota 55420-3693

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Panayu Robert Srichai 6008 Columbus Avenue S Minneapolis, Minnesota 55417

William Francis Mohs 5544 1st Avenue S Minneapolis, Minnesota 55419

Bradley Michael Ludwig 14520 Woodhill Circle Minnetonka, Minnesota 55345

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

- (1) in and to an invention entitled "TEMPERATURE CONTROL APPARATUS

 AND METHOD OF OPERATING THE SAME" for which we have executed United States

 Patent Application on even date herewith (Atty. File No. 090402-9454-00);
- (2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

PATENT REEL: 014559 FRAME: 0168 (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

Sept	26,2003	
Date		

9/26/03

9/26/05 Date Panavu Robert Srichai

William Francis Mohs

Bradley Michael Ludwig