

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Robert M. Lattin</td><td>05/05/2008</td></tr><tr><td>Erich A. Lucht</td><td>05/05/2008</td></tr></tbody></table>	Name	Execution Date	Robert M. Lattin	05/05/2008	Erich A. Lucht	05/05/2008					
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Erich A. Lucht	05/05/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Thermo King Corporation</td></tr><tr><td>Street Address:</td><td>314 West 90th Street</td></tr><tr><td>City:</td><td>Minneapolis</td></tr><tr><td>State/Country:</td><td>MINNESOTA</td></tr><tr><td>Postal Code:</td><td>55420</td></tr></table>	Name:	Thermo King Corporation	Street Address:	314 West 90th Street	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55420	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	090402-9628-01										
NAME OF SUBMITTER:	Glen A. Weitzer										
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OP \$40.00 12108769

PATENT

500547039

REEL: 020984 FRAME: 0432

## 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, MN 55420

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

Robert M. Lattin  
4017 Washburn Avenue South  
Minneapolis, MN 55410

Erich A. Lucht  
1315 Ingerson Road  
Arden Hills, MN 55112

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 "Structure and Method to Verify Diesel Particulate Filter Operation" for which we filed Application No. 12/108,769 on April 24, 2008, (Atty. File No. 090402-9628-01) (hereinafter the "U.S. utility patent application") which claims the benefit of United States Provisional Patent Application No. 60/913,726, filed April 24, 2007 (hereinafter the "U.S. provisional patent application") (Atty. File No. 090402-9628-00);

(2) in and to the U.S. utility patent application, and the U.S. provisional 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;

(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 U.S. utility patent application and the U.S. provisional 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 the U.S. utility patent application and the U.S. provisional patent application.


We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment. 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 patent or patents to Assignee.

5 May 2008  
Date

5 MAY 2008  
Date

  
Robert M. Lattin

  
Erich A. Lucht