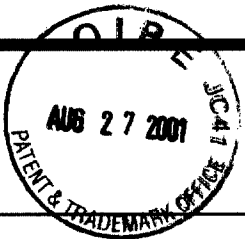


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08-31-2001



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies): 8-27-01  
George Atkinson  
Additional name(s) of conveying party(ies) attached?  yes  no

2. Name and address of receiving party(ies):  
Name: Serck Heat Transfer Limited  
Internal Address: Warwick Road  
Birmingham, B11 2QY Great Britain  
Street Address: Warwick Road  
Birmingham, B11 2QY Great Britain  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 8/6/2001

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)  
09/846,030  
Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: J. Benjamin Bai  
Internal Address: Jenkins & Gilchrist, P.C.  
1100 Louisiana - Suite 1800  
Street Address: 1100 Louisiana - Suite 1800  
City: Houston State: Texas ZIP: 77002

Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): ..... \$ 40.00  
 Previously forwarded on \_\_\_\_\_  
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 Authorized deficiency to be charged to deposit account.\*  
\*If check is not received with this correspondence or additional fees are required, please charge to deposit account 10-0447 (52685.2USPT)  
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10-0447  
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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.*  
J. Benjamin Bai, Reg. No. 43,481 J. Benjamin Bai 8/24/2001  
Name of Person Signing Signature Date  
Total number of pages comprising cover sheet: 1

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Houston 232671 v 1, 52685.00002USPT

PATENT  
REEL: 012114 FRAME: 0408

Attorney Docket No. 52685.2USPX

Client Ref: PCT/GB99/03581

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Serck Heat Transfer Limited (the "Assignee"), a corporation having a place of business at Warwick Road, Birmingham, B11 2QY, Great Britain, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application, Serial No. 09/846,030 (insert when known), filed April 30, 2001, and is entitled EXHAUST GAS COOLER; such application and all utility, divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

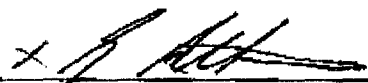
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;


WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNMENT  
Page 2

X  X Date X 6.8.2001 X  
George Atkinson

X  X Date X 6/8/01. X  
Witness

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