

Atty Ref/Docket No.: 200.702US1

MEB 4-22-99

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

1. Name of conveying party(ies):

Karl Hokanson, Douglas M. Carlson and William Berg

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

Name: Cray Research, Inc.

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

Street Address: 655-A Lone Oak Drive

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other _____

City: Eagan State: MN ZIP: 55121

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

Execution Date: February 13 and 16, 1999 and March 22, 1999

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)

(Serial No. 09/215,531, filed December 18, 1998)

05-10-1999



101033078

Additional numbers attached? []Yes [X]No

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

Name: Matthew W. Adams

6. Total number of applications and patents involved: 1

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

7. Total fee (37 CFR 3.41): \$ 40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

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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 W. Adams/Reg. No. 43,459

Name of Person Signing

Matthew W. Adams

Signature

4/13/99

Date

Total number of pages including cover sheet: 7

OMB No. 0651-0011 (exp. 4/94)

04/22/1999 CVORACHA 00000098 09215531

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PATENT
REEL: 9931 FRAME: 0580

ASSIGNMENT

WHEREAS, WE, Karl Hokanson, residing at 10729 Yellow Pine Street NW, Coon Rapids, MN 55433, and Douglas M. Carlson, residing at S. 4500 County Road B, Eau Claire, WI 54701, and William Berg, residing at 707 Dorbe Street, Eau Claire, WI 54701, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 18, 1998, which application was assigned U.S. patent application serial number 09/215,531, and is entitled HIGH PERFORMANCE GAS COOLING SYSTEM AND METHOD.

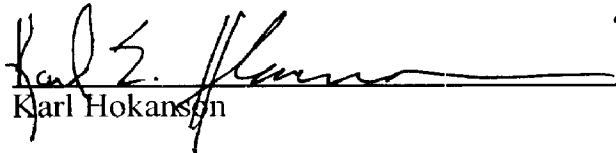
AND WHEREAS, Cray Research, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 655-A Lone Oak Drive, Eagan, MN 55121, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, 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 said 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 said 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said 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 said 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 me/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 13 day of February, 1999.


Karl Hokanson

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999

Douglas M. Carlson

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 1999.

William Berg