

FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No. ROC920050045US1RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): GERALD KEITH BARTLEY JOHN MICHAEL BORKENHAGEN WILLIAM HUGH COCHRAN WILLIAM PAUL HOVIS PAUL RUDRUD		2. Name and address of receiving party(ies): Name: <u>International Business Machines Corporation</u> Internal Address: _____ _____ _____	
Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u>	
3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	
Execution Date: May 18, 2005, May 19, 2005, May 23, 2005 May 18, 2005 and May 23, 2005			
4. Application number(s) or patent number(s): TITLE: METHOD AND STACKED MEMORY STRUCTURE FOR IMPLEMENTING ENHANCED COOLING OF MEMORY DEVICES 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). _____ Docket No. ROC920050045US1 Serial No. 11/138,939 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Name and address of party to whom correspondence concerning document should be mailed: Robert R. Williams IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901-7829		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$ 40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees 8. Deposit account number: <u>09-0465</u> (Attach duplicate copy of this page if paying by deposit account)	
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. Robert R. Williams #48,395 <u>Robert R. Williams</u> <u>6/10/05</u> Name of Person Signing Signature Date Total number of pages comprising cover sheet: <u>3</u>			

CH \$40.00 090465 11138939

Docket No. ROC920050045US1

ASSIGNMENT

Whereas, we

- | | | |
|-----|--|---|
| (1) | Gerald Keith Bartley
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (2) | John Michael Borkenhagen
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (3) | William Hugh Cochran
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (4) | William Paul Hovis
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (5) | Paul Rudrud
County of Olmsted | City of Rochester,
and State of Minnesota, |

have invented certain improvements in

**METHOD AND STACKED MEMORY STRUCTURE FOR IMPLEMENTING ENHANCED
COOLING OF MEMORY DEVICES**

and have executed, respectively, a United States patent application therefor on

Dates Inventors

Signed

Declaration	(1)	<i>May 18</i>	, 2005	(2)	<i>May 19</i>	, 2005
	(3)	<i>May 23</i>	, 2005	(4)	<i>May 18</i>	, 2005
	(5)	<i>May 23</i>	, 2005			

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Docket No. ROC920050045US1

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

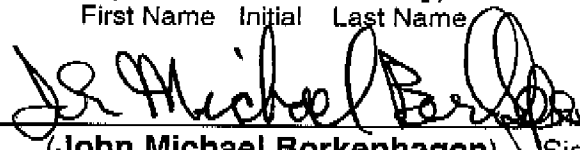
Signed

Inventor
(1) at Rochester, Minnesota
on 5/18, 2005.


(Gerald Keith Bartley)
First Name Initial Last Name

Inventor
Signature

Inventor
(2) at Rochester, Minnesota
on 5/19, 2005.


(John Michael Borkenhagen)
First Name Initial Last Name

Inventor
Signature

Inventor
(3) at Rochester, Minnesota
on 5/23, 2005.


(William Hugh Cochran)
First Name Initial Last Name


Inventor
Signature

Inventor
(4) at Rochester, Minnesota
on 5/18, 2005.


(William Paul Hovis)
First Name Initial Last Name

Inventor
Signature

Inventor
(5) at Rochester, Minnesota
on 5/23, 2005.


(Paul Rudrud)
First Name Initial Last Name

Inventor
Signature