Docket No.: YOR920050362US1 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) PATENTS ONLY P08A/REV03 Tab settings 🔷 🔷 🔷 To the Director of the United States Patent and Trademark Office; Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Shawn A. Hall; Shurong Tian; Paul W. Coteus; Name: International Business Machines Corporation John P. Karidis; Evan G. Colgan; and Robert W. Guernsey, Jr. Address: New Orchard Road ☐ Yes І No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger \_\_\_\_\_ State/Prov.: New York City: Armonk ☐ Security Agreement Change of Name Country: USA ☐ Other Execution Date: 7/5; 7/7; 7/7; 7/6; 7/5; and 7/6, 2006 ☐ Yes ⊠ No Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. B. Patent No.(s) Filing date 11/427,384 June 29, 2006 ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence

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**PATENT** 

IBM Docket No.: YOR920050362US1

SSMP: 19842

## ASSIGNMENT

## Whereas, we

Inventor and City (1) Shawn A. Hall County of Westchester

City of Pleasantville and State of New York

and

(2) Shurong Tian County of Westchester City of Yorktown Heights and State of New York

and

(3) Paul W. Coteus **County of Westchester** 

City of Yorktown Heights and State of New York

and

(4) John P. Karidis **County of Westchester** 

City of Ossining and State of New York

and

(5) Evan G. Colgan County of Rockland

City of Chestnut Ridge and State of New York

and

(6) Robert W. Guernsey, Jr.

City of Garrison

**County of Putnam** 

and State of New York

have invented certain improvements in

Title

METHOD AND APPARATUS FOR COOLING AN EQUIPMENT ENCLOSURE THROUGH CLOSED-LOOP, LIQUID-ASSISTED AIR COOLING IN COMBINATION WITH DIRECT LIQUID COOLING

**Dates That** Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) JULY 5, 2006

2006, and (2) July 5, 2006 2006, and (4) July 6, 2006 2006, and (6) July 6, 2006

2006, and 2006, and

(3) =ULY 7, 2006 (5) July 5, 2006

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:

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.

PAGE 1 OF 2

PATENT REEL: 018044 FRAME: 0655

IBM Docket No.: YOR920050362US1

SSMP: 19842

## **ASSIGNMENT**

City Date	(1) Signed at YORKTOWN HEIGHTS, NY  on 7 5 2006	(Shawn First Name	A. Middle Initial	Hall Last Name	_signature ) inventor
City	(2) Signed at Yorktown Heights, NY on 7/5/2006	(Shurong	7.Cm	<b>Tian</b>	_signature
Date		First Name	Middle Initial	Last Name	) inventor
City Date	(3) Signed at You Kapen Height 105 on 7/7/2006	(Paul First Name	W. Middle Initial	Coteus Last Name	_signature ) inventor
City	(4) Signed at YORGOWN HEIGHTS, NY on $7/6/2006$	(John	P. Karron	Karidis	signature
Date		First Name	P. Middle Initial	Last Name	) inventor
City Date	(5) Signed at York town Heighty, I on July 5th, 2006	(Evan First Name	9. Laker G. Middle Initial	<b>Colgan</b> Last Name	_signature ) inventor
City	(6) Signed at YORKTOWN HEIGHTS, NY on 7/6/2006	(Robert	₩.	Guethsey, Jr	signature
Date		First Name	Middle Initial	Last Name	: ) inventor

PAGE 2 OF 2

PATENT REEL: 018044 FRAME: 0656