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Form PTO 1595

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

1. Name of conveying party(ies):

- a) Bret W. Lehman g)
 b) Roger R. Schmidt h)
 c) Prabjit Singh i)
 d) j)
 e) k)
 f) l)

More names attached? Y X N

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

Name: INTERNATIONAL BUSINESS
 MACHINES CORPORATION
 Address: New Orchard Road
 Armonk, NY 10504

More names attached? Y X N3. Nature of Conveyance: X Assignment4. Application number: **11/184,654**Filed: **July 19, 2005**Filed with new application: Y X N

Execution date(s):

- | | |
|-------------------------|----------|
| a) <u>July 7, 2005</u> | g) _____ |
| b) <u>July 14, 2005</u> | h) _____ |
| c) <u>July 5, 2005</u> | i) _____ |
| d) _____ | j) _____ |
| e) _____ | k) _____ |
| f) _____ | l) _____ |

Additional numbers attached? Y X N

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

Name: Kevin P. Radigan, Esq.
 HESLIN ROTHENBERG FARLEY & MESITI, P.C.
 5 Columbia Circle
 Albany, New York 12203

6. Total # of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.008. Charge to Deposit Account:
09-0463 (IBM)

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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.

Kevin P. Radigan, Esq.

Registration No.: 31,789

Signature

Kevin P. Radigan

Date

August 12, 2005Total number of pages including cover sheet, attachments, and document: 4

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PATENT

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P.04

IBM Docket No.: PO9200500511/51

Page 1 of 1

ASSIGNMENT

Whereas, we

- (1) Bret W. Lehman
County of Wake
of Raleigh
State of North Carolina
- (2) Roger R. Schmidt
County of Dutchess
of Poughkeepsie
State of New York
- and
- (6) Prabjit Singh
County of Dutchess
of Poughkeepsie
State of New York

have invented certain improvements in

**COLD PLATE APPARATUS AND METHOD OF FABRICATION THEREOF WITH A
CONTROLLED HEAT TRANSFER CHARACTERISTIC BETWEEN A
METALLURGICALLY BONDED TUBE AND HEAT SINK FOR FACILITATING
COOLING OF AN ELECTRONICS COMPONENT**

and executed a United States Patent Application therefore on

(1) July 7, 2005, (2) _____, and (3) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 therefore;

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 the 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 Patents 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 Patents 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

(1) at Raleigh, NC
on July 7, 2005


Bret W. Lehman

(2) at _____
on _____

Roger R. Schmidt

(3) at _____
on _____

Prabjit Singh

ASSIGNMENT

Whereas, we

(1) Bret W. Lehman
County of Wakeof Raleigh
State of North Carolina(2) Roger R. Schmidt
County of Dutchessof Poughkeepsie
State of New York

and

(6) Prabjit Singh
County of Dutchessof Poughkeepsie
State of New York

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COOLING OF AN ELECTRONICS COMPONENT**

and executed a United States Patent Application therefore on

(1) _____, (2) July 14, 2005, and (3) July 5, 2005.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 the 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 Patents 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 Patents 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

(1) at _____
on _____

Bret W. Lehman

(2) at Poughkeepsie, NY
on 7/14/05

Roger R. Schmidt

(3) at Poughkeepsie, NY
on July 5, 2005

Prabjit Singh

PATENT**RECORDED: 08/12/2005****REEL: 016635 FRAME: 0415**