

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Raschid Jose Bezama | 03/04/2008 |
| Evan George Colgan | 03/04/2008 |
| Madhusudan K. Iyengar | 03/04/2008 |
| John Harold Magerlein | 03/04/2008 |
| Roger Ray Schmidt | 03/05/2008 |
| RECEIVING PARTY DATA | |
| Name: | International Business Machines Corporation |
| Street Address: | New Orchard Road |
| City: | Armonk |
| State/Country: | NEW YORK |
| Postal Code: | 10504 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12177020 |
| CORRESPONDENCE DATA | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
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| Correspondent Name: | F. CHAU & ASSOCIATES, LLC |
| Address Line 1: | 130 WOODBURY ROAD |
| Address Line 4: | WOODBURY, NEW YORK 11797 |
| ATTORNEY DOCKET NUMBER: | YOR920070725US1(8728-874) |
| NAME OF SUBMITTER: | Nathaniel T. Wallace |

CH \$40.00 12177020

Total Attachments: 4

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ASSIGNMENT

Docket No. YOR920070725US1 (8728-874)

Whereas, we

INVENTOR
AND CITY

(1) RASCHID JOSE BEZAMA
County of Putnam

of Mahopac
and State of New York

(2) EVAN GEORGE COLGAN
County of Rockland

of Chestnut Ridge
and State of New York

(3) MADHUSUDAN K. IYENGAR
County of Ulster

of Woodstock
and State of New York

(4) JOHN HAROLD MAGERLEIN
County of Westchester

of Yorktown Heights
and State of New York

and (5) ROGER RAY SCHMIDT
County of Dutchess

of Poughkeepsie
and State of New York

have invented certain improvements in

TITLE **STRUCTURE AND APPARATUS FOR COOLING INTEGRATED CIRCUITS USING COPPER
MICROCHANNELS**

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on,

(1) 03/04, 2008, (2) _____, 2008, (3) _____, 2008,
(4) _____, 2008, (5) _____, 2008, (6) _____, 2008.

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 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 invention therein disclosed for the United States and foreign countries, and in all 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 inventions 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 and sealed

Raschid J. Bezama
(RASCHID JOSE BEZAMA)

on 03/04, 2008

(EVAN GEORGE COLGAN)

on _____, 2008

ASSIGNMENT

Docket No. YOR920070725US1 (8728-874)

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have invented certain improvements in

**TITLE STRUCTURE AND APPARATUS FOR COOLING INTEGRATED CIRCUITS USING COPPER
MICROCHANNELS**

DATES THAT and executed, respectively, a United States patent application therefore on,

INVENTORS

SIGNED THE

DECLARATION

(1) _____, 2008, (2) March 4, 2008, (3) _____, 2008,
(4) March 4, 2008, (5) _____, 2008, (6) _____, 2008.

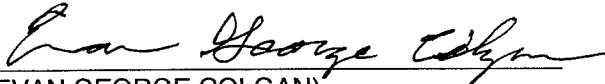
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

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Signed and sealed

(RASCHID JOSE BEZAMA)

on _____, 2008


(EVAN GEORGE COLGAN)

on 3/4/, 2008

(MADHUSUDAN K. IYENGAR)

on _____, 2008

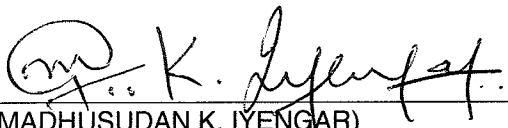
John Harold Magerlein

(JOHN HAROLD MAGERLEIN)

on March 4, 2008

(ROGER RAY SCHMIDT)

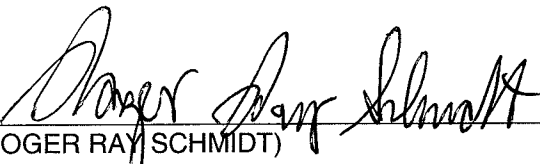
on _____, 2008


(MADHUSUDAN K. IYENGAR)

on 3/4/, 2008

(JOHN HAROLD MAGERLEIN)

on _____, 2008


(ROGER RAY SCHMIDT)

on 3/5/, 2008