

Docket No.: YOR920040523US1

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0851-0027 (exp. 5/31/2002)  
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1) Geoffrey W. Burr      5) Alejandro G. Schrott  
2) Chung Hon Lam      6) Jonathan Z. Sun  
3) Simone Raoux      7) Hemantha K. Wickramasinghe  
4) Stephen M. Rossnagel  
  
Additional names(s) of conveying party(ies)       Yes  No

2. Name and address of receiving party(ies):  
  
Name: International Business Machines Corporation  
Address: New Orchard Road

3. Nature of conveyance:  
 Assignment       Merger  
 Security Agreement       Change of Name  
Corrective Assignment Adding Three (3) inventors  
 Other Recorded at Reel/Frame 016458/0278  
1) 9/19/05 2) 9/9/05 3) 9/13/05  
Execution Date: 4) 9/9/05 5) 9/9/05 6) 9/12/05 7) 9/19/05

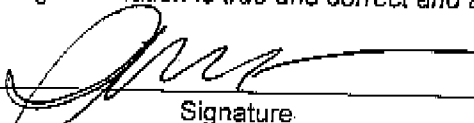
City: Armonk      State/Prov.: NY  
Country: USA      ZIP: 10504  
  
Additional name(s) & address(es)       Yes  No

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.      Filing date  
11/100,312      April 6, 2005  
  
Additional numbers       Yes  No

B. Patent No.(s)  
  
 Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: Pamela M. Riley  
Registration No. 40,146  
Address: Gibb I.P. Law Firm, LLC  
2568-A Riva Road, Suite 304  
  
City: Annapolis      State/Prov.: MD  
Country: USA      ZIP: 21401

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41):.....\$ 40.00  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
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Pamela M. Riley            September 27, 2005  
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PATENT  
DOCKET NO. YOR920040523US1

## PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"),  
Armonk, New York 10504**

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for **STRUCTURE FOR CONFINING THE SWITCHING CURRENT IN PHASE MEMORY (PCM)  
CELLS**  
United States Patent

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket Number YOR920040523US1**;  
(select one):  executed concurrently herewith or  Serial No. 11/100,312 Filed on April 6, 2005

for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to IBM, its successors and assigns, in accordance herewith;

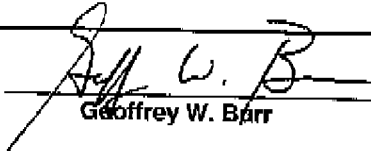
Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the IBM, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the IBM all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by IBM, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the IBM, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

Each undersigned inventor hereby grants the IBM and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

Executed by Inventor 1 of 7

Signature:  Date: 9/19/2005  
Geoffrey W. Barr

PATENT  
DOCKET NO. YOR920040523US1

Executed by Inventor 2 of 7

Signature: Chung Hon Lam Date: \_\_\_\_\_

Executed by Inventor 3 of 7

Signature: Simone Raoux Date: 09/13/05

Executed by Inventor 4 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Stephen M. Rossnagel

Executed by Inventor 5 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Alejandro G. Schrott

Executed by Inventor 6 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Jonathan Z. Sun

Executed by Inventor 7 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Hemantha K. Wickramasinghe

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Chung Hon Lam

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Simone Raoux

Executed by Inventor 4 of 7

Signature: Stephen M. Rosnagel Date: 9/9/05  
Stephen M. Rosnagel

Executed by Inventor 5 of 7

Signature: Alejandro G. Schrott Date: 9/9/05  
Alejandro G. Schrott

Executed by Inventor 6 of 7

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Jonathan Z. Sun

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Hemantha K. Wickramasinghe

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Signature: Simone Raboux Date: \_\_\_\_\_

Executed by Inventor 4 of 7

Signature: Stephen M. Rossnagel Date: \_\_\_\_\_

Executed by Inventor 5 of 7

Signature: Alejandro G. Schrott Date: \_\_\_\_\_

Executed by Inventor 6 of 7

Signature: *Jonathan Z. Sun* Date: Sept. 12, 2005

Executed by Inventor 7 of 7

Signature: Hemantha K. Wickramasinghe Date: \_\_\_\_\_

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Signature: Chung Hon Lam Date: \_\_\_\_\_

Executed by Inventor 3 of 7

Signature: Simone Raoux Date: \_\_\_\_\_

Executed by Inventor 4 of 7

Signature: Stephen M. Rossnagel Date: \_\_\_\_\_

Executed by Inventor 5 of 7

Signature: Alejandro G. Schrott Date: \_\_\_\_\_

Executed by Inventor 6 of 7

Signature: Jonathan Z. Sun Date: \_\_\_\_\_

Executed by Inventor 7 of 7

Signature: H.K. Wickramasinghe Date: 9/19/2005  
Hemiantha K. Wickramasinghe