


**RECORDATION FORM COVER SHEET
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): (1) Anthony CORREALE, JR. (2) Robert Lewis GOLDIEZ		2. Name and address of receiving party(ies): Name: International Business Machines Corporation Street Address: New Orchard Road City: Armonk State: NY Zip: 10504	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.		Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment		Execution dates: (1) July 1, 2005 (2) July 11, 2005	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 11/180,333 filed on July 12, 2005 B. Patent No.(s)			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sawyer Law Group LLP Address: P.O. Box 51418 Palo Alto, CA 94303		6. Total number of applications and patents involved: One 7. Total fee (37 CFR 3.41)..... \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: 50-0563 (IBM Corporation) (Attach duplicate copy of this page if paying by deposit account)	
9. Statement and signature. <i>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.</i> Joseph A. Sawyer, Jr. _____ Name of Person Signing  Signature November 28, 2005 _____ Date			

Total number of pages including cover sheet, attachments, and documents: 5

PATENT

700227379

REEL: 017074 FRAME: 0018

Docket No: RPS920050069US1
3510P

ASSIGNMENT

Whereas, I,

(1) **Anthony CORREALE, JR.**

City of **Raleigh**
State of **N.C.**

(2) **Robert Lewis GOLDIEZ**

City of **Apex**
State of **North Carolina**

have invented certain improvements in

TITLE CACHE ORGANIZATION FOR POWER OPTIMIZED MEMORY ACCESS

and executed a United States Patent Application therefor on the following date(s):

(1) July 1, 2005

(2) _____, 2005

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 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:

LOCATION

DATE

SIGNATURE

(1)

RTP, NC

7-1-2005

Anthony CORREALE, JR.

(2)

Robert Lewis GOLDIEZ

PATENT

REEL: 017074 FRAME: 0020

ASSIGNMENT

Whereas, I,

(1) **Anthony CORREALE, JR.**City of **Raleigh**
State of **N.C.**(2) **Robert Lewis GOLDIEZ**City of **Apex**
State of **North Carolina**

have invented certain improvements in

TITLE CACHE ORGANIZATION FOR POWER OPTIMIZED MEMORY ACCESS

and executed a United States Patent Application therefor on the following date(s):

(1) _____, 2005

(2) July 11, 2005

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 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:

LOCATIONDATESIGNATURE

(1)

(2)

Anthony CORREALE, JR.

Robert Lewis GOLDIEZ