

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ravi K. Arimilli	03/25/2009
Robert A. Cargnoni	03/25/2009
Guy L. Guthrie	03/24/2009
William J. Starke	03/24/2009
Derek E. Williams	03/24/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Business Machines Corporation
<b>Street Address:</b>	New Orchard Road
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
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CH \$40.00 12419364

Total Attachments: 2

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ASSIGNMENT

Whereas, we,

- (1) RAVI K. ARIMILLI of AUSTIN  
County of TRAVIS and State of TEXAS
- (2) ROBERT A. CARGNONI of AUSTIN  
County of TRAVIS and State of TEXAS
- (3) GUY L. GUTHRIE of AUSTIN  
County of TRAVIS and State of TEXAS
- (4) WILLIAM J. STARKE of ROUND ROCK  
County of WILLIAMSON and State of TEXAS
- (5) DEREK E. WILLIAMS of AUSTIN  
County of WILLIAMSON and State of TEXAS

have invented certain improvements in


VIRTUAL BARRIER SYNCHRONIZATION CACHE

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

(Dates Inventors Signed Declaration) (1) 3/25, 2009; (2) March 25<sup>th</sup>, 2009;  
(3) March 24<sup>th</sup>, 2009; (4) 3/24, 2009; (5) March 24<sup>th</sup>, 2009.

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 in all foreign countries, including 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.

(1) Signed at Austin, TX on 3/25, 2009.  
(City) (Date)  
  
RAVI K. ARIMILLI

(2) Signed at Austin on 3/25, 2009.  
(City) (Date)

Robert A. Cargnoni  
ROBERT A. CARGNONI

(3) Signed at Austin on 3/24, 2009.  
(City) (Date)

Guy L. Guthrie  
GUY L. GUTHRIE

(4) Signed at AUSTIN on 3/24, 2009.  
(City) (Date)

William J. Starke  
WILLIAM J. STARKE

(5) Signed at Austin on March 24<sup>th</sup>, 2009.  
(City) (Date)

Derek E. Williams  
DEREK E. WILLIAMS