

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Wing K. Luk</td><td>02/09/2007</td></tr><tr><td>Ravi Nair</td><td>02/09/2007</td></tr></tbody></table>	Name	Execution Date	Wing K. Luk	02/09/2007	Ravi Nair	02/09/2007	
Name	Execution Date						
Wing K. Luk	02/09/2007						
Ravi Nair	02/09/2007						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11673657</td></tr></tbody></table>	Property Type	Number	Application Number:	11673657			
Property Type	Number						
Application Number:	11673657						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	David A. Fox						
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif							

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PATENT
REEL: 018880 FRAME: 0571

IBM DOCKET NO. YOR920C60714US1

A S S I G N M E N T

Whereas, we,

- (1) Ming K. Luk of 29 Random Farms Drive, City of Chappaqua,
County of Westchester and State of New York 10514;
- (2) Ravi Nair of 130 Holly Place, City of Briarcliff Manor,
County of Westchester and State of New York 10510;

have invented certain improvements in

DRAM CACHE WITH ON-DEMAND RELOAD

and executed, respectively, a United States patent application therefore on
 (Dates Inventors Signed Declaration) (1) Feb 9 2007, 2007, and
 (2) Feb 9 2007, 2007.

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, 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 I 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 I hereby agree that IBM
 may apply for foreign Letters Patent on said invention and I will execute all
 papers necessary in connection with the United States and foreign
 applications when called upon to do so by IBM.

PATENT

REEL: 018880 FRAME: 0572

IBM DOCKET NO. YCR925060714US1

(1) Signed at Yorktown Heights, NY on Feb 9th, 2007.

Ming F. Jia

(2) Signed at Yorktown Heights, NY on Feb 9th, 2007.

Ravi Neik