

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Philip George Emma	03/05/2007
Wing K Luk	03/05/2007
Thomas R Puzak	03/07/2007
Vijayalakshmi Srinivasan	03/05/2007

**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**

Property Type	Number
Application Number:	11683285

**CORRESPONDENCE DATA**

Fax Number: (703)761-2375  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 703-761-4100  
 Email: admin@mcginniplaw.com  
 Correspondent Name: McGinn IP Law Group, PLLC.  
 Address Line 1: 8321 Old Courthouse Road, Suite 200  
 Address Line 4: Vienna, VIRGINIA 22182-3817

ATTORNEY DOCKET NUMBER:	YOR920060386US1
NAME OF SUBMITTER:	Farhad Shir, Ph.D.

Total Attachments: 3  
 source=YOR.663\_Assignment#page1.tif

**501452413**

**PATENT**  
**REEL: 025878 FRAME: 0142**

**CH \$40.00 11683285**

source=YOR.663\_Assignment#page2.tif

source=YOR.663\_Assignment#page3.tif

**PATENTS ONLY**

To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

- 1) Philip George Emma
- 2) Wing K. Luk
- 3) Thomas R. Puzak
- 4) Vijayalakshmi Srinivasan

Additional names(s) of conveying party(ies)  Yes  No**2. Name and address of receiving party(ies):**Name: International Business Machines CorporationAddress: New Orchard RoadCity: ArmonkState/Prov.: New YorkCountry: USA ZIP: 10504Additional name(s) & address(es) attached?  Yes  No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): 1), 2) & 4) 3/5/2007; 3) 3/7/2007

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent numbers(s):**

A. Patent Application No. (s)

11/683,285 This document is being filed together with a new application.

B. Patent No.(s)

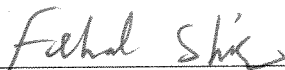
Additional numbers attached?  Yes  No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Farhad Shir, Ph.D.Registration No.: 59,403Address: McGinn Intellectual Property Law Group, PLLC  
8321 Old Courthouse Road  
Suite 200City: Vienna,State/Prov.: VirginiaCountry: USA ZIP: 22182-3817Phone Number: (703) 761-4100Fax Number: (703) 761-2375Email Address: admin@mcginniplaw.com**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0510Authorized User Name Sean M. McGinn, Esq.**9. Signature:**

Signature

March 1, 2010

Date

Farhad Shir, Ph.D.

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

### ASSIGNMENT

Whereas, we

Inventor and City	(1) Philip George Emma County of Fairfield	City of Danbury and State of Connecticut
Inventor and City	(2) Wing K. Luk County of Westchester	City of Chappaqua and State of New York
Inventor and City	(3) Thomas R. Puzak County of Fairfield	City of Ridgefield and State of Connecticut
Inventor and City	(4) Vijayalakshmi Srinivasan Province of Manhattan	City of New York and State of New York

have invented certain improvements in

Title           **METHOD AND SYSTEM FOR PROVIDING AN IMPROVED STORE-IN CACHE**

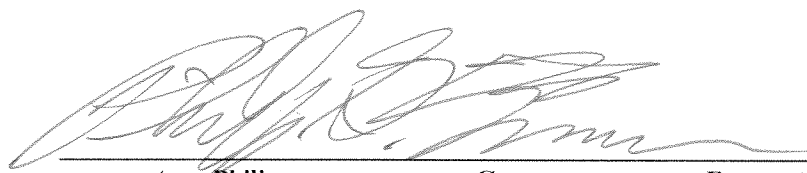
Dates That           and have executed, respectively, a United States patent application therefor on  
Inventors  
Signed the           (1) 3/5 2007,           (2) 3/5 2007,           (3) 3/7 2007,           and           (4) 3/5/2007  
Declaration

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 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.

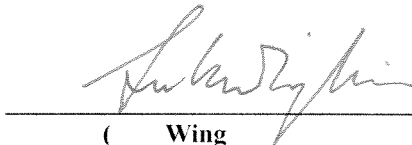
City (1) Signed at

Date on

  
\_\_\_\_\_  
( Philip G. Emma ) signature  
First Name Middle Initial Last Name inventor

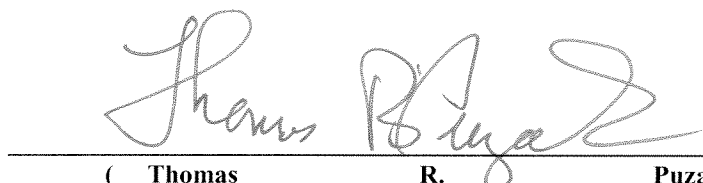
City (2) Signed at

Date on

  
\_\_\_\_\_  
( Wing K. Luk ) signature  
First Name Middle Initial Last Name inventor

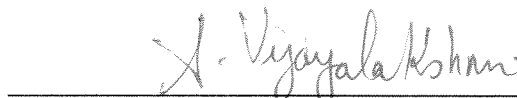
City (3) Signed at

Date on

  
\_\_\_\_\_  
( Thomas R. Puzak ) signature  
First Name Middle Initial Last Name inventor

City (4) Signed at

Date on

  
\_\_\_\_\_  
( Vijayalakshmi Srinivasan ) signature  
First Name Middle Initial Last Name inventor