

Attorney Docket: YOR920040116US1 (8728-686)

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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: November 18, 2004

A. Patent Application No.(s) 10/993,784 | B. Patent No.(s)

Additional numbers attached? Yes No

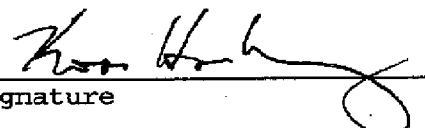
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Frank Chau, Esq.</u></p> <p>Street Address: <u>F. CHAU & ASSOCIATES, LLC</u> <u>130 Woodbury Road</u></p> <p>City: <u>Woodbury</u> State: <u>NY</u> Zip: <u>11797</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R. §3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>50-0510/IBM (Yorktown Heights)</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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(IBM Docket YOR920040116US1 (8728-686))

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Assignment

Whereas, we

Inventor
and City

(1) **XIAOWEI SHEN**
County of **DUTCHESS**

of **HOPEWELL JUNCTION**
and State of **NEW YORK**

has invented certain improvements in

TITLE

**CACHE LINE PLACEMENT PREDICTION FOR MULTIPROCESSOR NON-UNIFORM
CACHE ARCHITECTURE SYSTEMS**

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

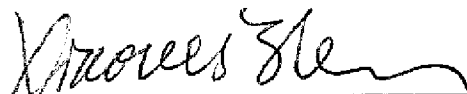
DATE THAT
INVENTOR
SIGNED THE
DECLARATION

(1) 2004.

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 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.

CITY (1) at ^{signed and sealed} **YORKTOWN HEIGHTS, NY**
DATE on **NOV. 18,** 2004,



(XIAOWEI SHEN) INVENTOR

SIGNATURE

FIRST NAME MIDDLE INITIAL LAST NAME