08-31-1998

100822163

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ASSIGNMENT

Docket No. SA998077

Whereas, we

INVENTOR

AND CITY

Raymond Eugene Garcia (1)

County of Santa Clara

John Richard Paveza

County of Santa Clara

and (2)

of San Jose,

and State of California ,

of Morgan Hill,

and State of California,

have invented certain improvements in

TITLE

Method and System for Taking Advantage of a Pre-Stage of Data Between a Host Processor and a Memory System

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) 8/20 , 1998, (2) 8/20 , 1998.

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.

Signed and sealed

RECORDED: 08/21/1998

CITY DATE

CITY DATE

(1) at San Jose
on 3/20, 1998,

Raymond Eugene Garcia SIGNATURE
on 8/20, 1998,

John Richard Paveza SIGNATURE
on 8/20, 1998,

John Richard Paveza INVER