

A S S I G N M E N T

Whereas, we,

(1) Jimmie Earl DeWitt, Jr. of Georgetown
County of Williamson and State of Texas

and

(2) Frank Eliot Levine of Austin
County of Williamson and State of Texas

and

(3) Enio Manuel Pineda of Austin
County of Travis and State of Texas

and

(4) Christopher Michael Richardson of Austin
County of Travis and State of Texas

and

(5) Robert John Urquhart of Austin
County of Travis and State of Texas

have invented certain improvements in

METHOD AND APPARATUS FOR COUNTING INSTRUCTION EXECUTION AND DATA ACCESSES

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) 9/16, 2003,
(2) 9/16, 2003, (3) 9/16, 2003,
(4) 09/17, 2003, and (5) 9/16, 2003.

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, 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.

(1) Signed at Austin on 9/16, 2003.

Jimmie Earl DeWitt, Jr.
Jimmie Earl DeWitt, Jr.

and (2) Signed at Austin on 9/16, 2003.

Frank Eliot Levine
Frank Eliot Levine

and (3) Signed at Austin on 9/16, 2003.

Enio Manuel Pineda
Enio Manuel Pineda

and (4) Signed at Austin on 09/17, 2003.

Christopher Michael Richardson
Christopher Michael Richardson

and (5) Signed at Austin on 9/16, 2003.

Robert John Urquhart
Robert John Urquhart