



## ASSIGNMENT

Whereas, I

Inventor (1) Timothy J. Dell City of Colchester  
and City County of Chittenden and State of Vermont

and

(2) Bruce G. Hazelzet City of Essex Junction  
County of Chittenden and State of Vermont

and

(3) Mark W. Kellogg City of Essex Junction  
County of Chittenden and State of Vermont

have invented certain improvements in

Title Self-Initiated Self-Refresh Mode For Memory Modules

Date That and have executed, respectively, a United States patent application therefor on

Inventor (1) May 15, 1998, and (2) MAY 15 1998, and

Signed the Declaration (3) May 15, 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 patent to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I 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 and 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.

City (1) Signed at Essex Jct., VT  
 Date on May 15, 1998  
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 (Timothy J. Dell) Signature  
 )inventor

City (2) Signed at ESSEX JCT, VT  
 Date on MAY 15, 1998  
 \_\_\_\_\_  
 (Bruce G. Hazelzet) Signature  
 )inventor

City (3) Signed at ESSEX JCT., VT  
 Date on May 15, 1998  
 \_\_\_\_\_  
 (Mark W. Kellogg) Signature  
 )inventor