

A S S I G N M E N T

Whereas, we

- (1) Kirby G. Dahman of Tuscon
County of Pima and State of Arizona
- (2) Gavin S. Johnson of Aromas
County of Monterey and State of California
- (3) Larry R. Perry of Gilroy
County of Santa Clara and State of California

and

- (4) Harry M. Yudenfriend of Poughkeepsie
County of Dutchess and State of New York

have invented certain improvements in

SYSTEM OF REPOSITIONING AN INPUT/OUTPUT DEVICE WITHOUT KNOWLEDGE OF CURRENT POSITIONING OF THE DEVICE

and executed a United States Patent Application therefor on

- (1) 12-23-98, (2) 12/21/98, (3) 12/31/98 and
- (4) 10/27/98.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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;

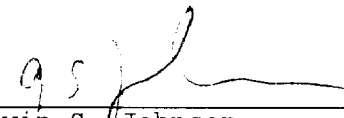
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign 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 Patents 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.

Signed

(1) at (City, State)
on San Tucson, AZ
EP 12-23-98


Kirby G. Dahman

(2) at (City, State)
on San Jose, CA
12/21/98

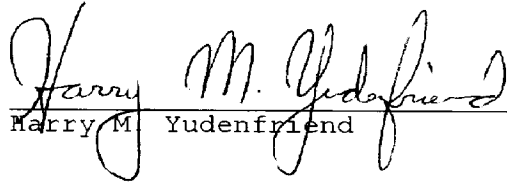

Gavin S. Johnson

(3) at (City, State)
on San Jose, CA
12/21/98


Larry R. Perry

4)

POCONGKEEPSIE, NY
at (City, State)
on 10/27/98


Harry M. Yudenfriend