

*MLD 12-15-98*



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To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

U.S. PTO  
09/21/98  
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1. Name of conveying party(ies):

Kenneth Ray Banning

2. Name and address of receiving party(ies):

International Business  
Machines Corporation  
New Orchard Road  
Armonk, New York 10504

3. Nature of conveyance:

X Assignment

Execution Date: December 14, 1998

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 December 14, 1998

A. Patent Application No. (s)

B. Patent No. (s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Volel Emile, Esq.  
IBM Corporation  
Intellectual Property Law  
Internal Zip 4054  
11400 Burnet Road  
Austin, TX 78758  
(512) 823-1005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

X Authorized to be charged to deposit account

8. IBM Corporation Deposit account number:

09-0447

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Julianne M. Kohrs  
Name of Person Signing

Julianne Kohrs  
for Felsman, Bradley,  
Gunter & Dillon, LLP

12-15-98  
Date

Total number of pages including cover sheet: 2

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REC:581 40.00 CH

## A S S I G N M E N T

Whereas, I,

(1) Kenneth R. Banning  
County of Travis

of Austin,  
and State of Texas,

have invented certain improvements in

METHOD OF CONTROLLING VIEW OF LARGE EXPANSION TREE

and executed, respectively, a United States patent application therefor on  
(Dates Inventors Signed Declaration) (1) December 14, 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 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 Dec 14, 1998.

Kenneth R. Banning  
Kenneth R. Banning