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03-02-1999

DOCKET NUMBER: RP9-98-070

PATENTS

To the Assistant Commissioner for Pal

100978570

il document(s) or copy thereof:

1. Name of conveying party(ies):

David Carroll Challener

INTERNATIONAL BUSINESS MACHINES CORPORATION New Orchard Road

Armonk, New York 10504

Additional name(s) & address(es) attached? XXX No Yes

2. Name and address of receiving party:

3. Nature of conveyance: XXX Assignment Execution Date: February 16, 1999

4. Application or patent number(s): 253580

If this document is being filed together with a new application, the execution date of the application is February 16,1999

A. Patent Application No.(s):

B. Patent No.(s):

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

mailed:

Bernard D. Bogdon INTERNATIONAL BUSINESS MACHINES CORP.

Personal Systems Group Legal Dept..

Dept. 9CCA/Bldg. 002-2

P. O. Box 12195

Research Triangle Park, NC 27709

6. Total number of applications and patents involved: 1

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

Authorized to be charged to deposit account

8. Deposit account number: 09-1990

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

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Assistant Commissioner for Patents

Box Assignments

Washington, D. C. 20231

PATENT

REEL: 9785 FRAME: 0691

DOCKET NUMBER: RP9-98-070

ASSIGNMENT

Whereas, I,

(1) David Carroll Challener County of Wake

of Raleigh, and State of North Carolina,

have invented certain improvements in

METHOD AND SYSTEM FOR RENDERING A VIRTUAL THREE-DIMENSIONAL GRAPHICAL DISPLAY

and executed a United States patent application therefor on the following date:

(1) 4 16, 1999; and

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 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, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on the 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 and sealed:

(1)

LOCATION

RECORDED: 02/19/1999

DATE

RTP, NC Jet 16, 1999

David Carroll Challener

Page 1 of 1

PATENT REEL: 9785 FRAME: 0692

Carroll Challener