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Atty. Docket No. RSW9-99-116

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JC617 U.S. PTO  
09/420473  
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3. Nature of conveyance:  X Assignment  Execution Date(s): 10/18/99; 10/18/99; 10/18/99	4. Patent Application number(s) 09/420473  Execution Date(s): 10/18/99; 10/18/99; 10/18/99
5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Gregory M. Doudnikoff Address: IBM Corporation Intellectual Property Law T81/062 P. O. Box 12195 3039 Cornwallis Road RTP, NC 27709	6. Total number of applications involved: 1  7. Total fee (37 CFR 3.41): \$40.00  X Charge to Deposit Account No.: 09-0461

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Gregory M. Doudnikoff

*Gregory M. Doudnikoff* 10/19/99

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PATENT  
REEL: 010332 FRAME: 0526

**ASSIGNMENT**

Whereas, I,

**Fonda Jonette Daniels-Barnes**  
County of **Wake**,City of **Cary**,  
and State of **North Carolina**,**Stephen Glen Graham**  
County of **Orange**,City of **Chapel Hill**,  
and State of **North Carolina**,**Ajamu Akinwunmi Wesley**  
County of **Wake**City of **Raleigh**,  
and State of **North Carolina**

have invented certain improvements in

**Method and Apparatus for Proxy Replication**

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

(1) 10-18-99 (2) 0-18-99, (3) 0-18-99.

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 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, 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 any 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.

Signed and sealed at:

(1) at **Research Triangle Park, NC** on Oct 18, 1999.

Fonda Jonette Daniels-Barnes  
**Fonda Jonette Daniels-Barnes**

and

(2) at **Research Triangle Park, NC** on Oct 18, 1999.

Stephen Glen Graham  
**Stephen Glen Graham**

and

(3) At Research Triangle Park, NC on Dec 8, 1999,

Ajamu Akinwunmi Wesley  
Ajamu Akinwunmi Wesley,