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4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **10/10/03**

A. Patent Application No.(s)

B. Patent No.(s)

10/684641

Additional numbers attached? ☐ Yes ☒ No

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

Name: **C. Lamont Whitham**

Internal Address: _____

Street Address: **Whitham, Curtis & Christofferson, PC****11491 Sunset Hills Road - #340**City: **Reston**State: **VA**ZIP: **20190**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

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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 the original document.***C. Lamont Whitham-Reg. No. 22,424****Oct. 15, 2003**Name of Person Signing **10684641**

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PATENT

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ASSIGNMENT

Whereas, We
Inventors

(1) Charles P. Tresser City of New York
County of _____ and State of New York

(2) City of
County of and State of

have invented certain improvements in

Title **Error Diffusion with Averaged Directional Biases**

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

Dates That (1) 2003 , and
Inventor (2) 2003
Signed the

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;

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City (1) Signed at Yorktown Heights
Date 10/10/2003 on Tresser signature
(Charles P. Tresser) inventor
First Name Middle Initial Last Name