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1. Name(s) of conveying party/parties:	2. Name and address of receiving party
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Christopher Lawrence Brealey  
Zina Mostafia

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

Additional Names Attached? Yes  No

3. Nature of Conveyance
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Execution Date(s): 10/23/03

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4. Application number(s) or patent number(s):
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If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s) 10/669,396 B. Patent No(s)  
Additional Numbers Attached? Yes  No

5. Name and Address of party to whom correspondence concerning the document should be sent:	6. Total Number of applications and patents involved:	1
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Name: David R. Irvin

Internal Address:  
IBM Corporation, T81/503

Street Address:  
PO Box 12195  
City/State/Zip: Res. Tri. Park, NC 27709

7. Total fee (37 CFR 3.41) ....\$	40
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Signature

5 Jan 2004  
Date

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**ASSIGNMENT**

Whereas, We

Inventor (1) Christopher Lawrence Brealey of 17 Waterbridge Lane, Markham, Ontario L3R 8W9, Canada

Inventor (2) Zina Mostafia of 100 Ascot Crescent, Markham, Ontario L3R 3P7, Canada

have invented certain improvements in **Encapsulating and Executing Computer Algorithms**

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

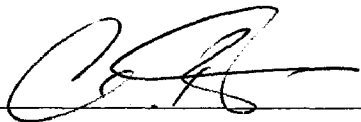
(1) Oct 23/03 (2) October 23, 2003

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 patent to be obtained therefor;

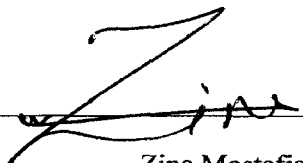
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks 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 Letters Patent on said invention and we will execute all papers necessary in connection with the United States when called upon to do so by IBM.

**Signed**

1. At MARKHAM, ONTARIO, CANADA  
on OCTOBER 23, 2003

  
\_\_\_\_\_  
Christopher Lawrence Brealey

2. At  
on Markham, ONT, Canada  
October, 23, 2003

  
\_\_\_\_\_  
Zina Mostafia