

12-12-2003

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

1. Name of conveying party(ies): (1) Michael Gilfix (2) Anthony N. Liguori Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No	Execution Date: <u>11-25-03</u> <u>11-25-03</u>
2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____

 16834 U.S. PTO
 10/728170
 120303
4. Application number(s) or patent number(s):10728170
 If this document is being filed together with a new application, the execution date of the application is
 (1) 11-25-03 (2) 11-25-03

A. Patent Application No.(s) _____ B. Patent No.(s) _____

5. Name and address of party to whom correspondence concerning document should be mailed:
 Robert M. Carwell
 IBM Corporation
 Intellectual Property Law
 11400 Burnet Road
 Austin, TX 78758
6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 3.41) \$ 40.00**☐ Enclosed☒ Authorized to be charged to deposit account**8. 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.

 ROBERT M. CARWELL
 Name Of Person Signing

 R M Carwell
 Signature

 12/3/03
 Date
Total number of pages including cover sheet: 3
 12/11/2003 10:11 AM 00000187 090447 10728170
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ASSIGNMENT

Whereas, we,

- (1) Michael Gilfix of Austin,
County of Travis and State of Texas;
- (2) Anthony Nicholas Liguori of Austin,
County of Travis and State of Texas;

have invented certain improvement in

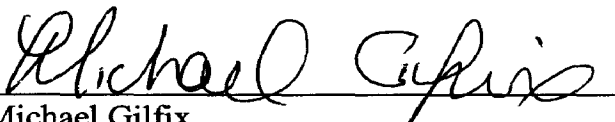
CONTENT ADDRESSABLE DATA STORAGE AND COMPRESSION FOR COMPUTER
MEMORY

and executed a United States patent application therefore on
(Date Inventor Signed Declaration) (1) 11/25, 2003; (2) 11/25, 2003;

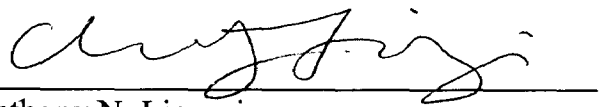
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

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.

(1) Signed at Austin on 11/25, 2003.


Michael Gilfix

(2) Signed at Austin on 11/25, 2003.


Anthony N. Liguori