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Execution Date: December 2, 1998

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

If this document is being filed together with a new application, the December 2, 1998 execution date of the application is

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## ASSIGNMENT

| (1) MICHAEL R. COOPER County of TRAVIS  | of <u>AUSTIN</u> , and State of <u>TEXAS</u> ,  |  |  |  |  |
|---|---|--|--|--|--|
| and<br>(2) <u>MARK J. HAMZY</u><br>County of <u>TRAVIS</u>  | of <u>AUSTIN</u> , and State of <u>TEXAS</u> ,  |  |  |  |  |
| and<br>(3) <u>PATRICK E. NOGAY</u><br>County of <u>TRAVIS</u>   | of <u>AUSTIN</u> , and State of <u>TEXAS</u> ,  |  |  |  |  |
| and (4) MARK W. VANDERWIELE County of WILLIAMSON  | of <u>AUSTIN</u> , and State of <u>TEXAS</u> ,  |  |  |  |  |
| nave invented certain improvements  A METHOD AND APPARATUS FOR CREATING   | in  METADATA STREAMS WITH EMBEDDED DEVICE   |  |  |  |  |
| INFORMATION   |   |  |  |  |  |
|   |   |  |  |  |  |
| PREEMBER Z , 1998   |   |  |  |  |  |
| Preember 2, 1998.  Whereas, INTERNATIONAL BUSINESS M.  a place of business at Armonk, New York 10504, (he  and interest in the said application and invention, as   | ACHINES CORPORATION, a corporation of New York, having ereinafter called IBM), desires to acquire the entire right, title and to any United States and foreign patents to be obtained   |  |  |  |  |
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| Whereas, INTERNATIONAL BUSINESS May place of business at Armonk, New York 10504, (he and interest in the said application and invention, and therefor;  Now therefore, for a valuable consideration mamed, hereby sell, assign, and transfer to IBM, its is said application and invention therein disclosed for priority resulting from the filing of said United States issue any Letters Patent granted upon the invention and we hereby agree that IBM may apply for foreign necessary in connection with the United States and foreign and the Signed at Austral on December 1997. | ACHINES CORPORATION, a corporation of New York, having creinafter called IBM), desires to acquire the entire right, title and to any United States and foreign patents to be obtained in, receipt whereof is hereby acknowledged, we, the above successors and assigns, the entire right, title and interest in the the United States and foreign countries, and all rights of es application, and we request the Commissioner of Patents to set forth in said application to IBM, its successors and assigns; in Letters Patent on said invention and we will execute all papers foreign applications when called upon to do so by IBM.  2. 19 78.  MICHAIL R. COOPER        |  |  |  |  |

PATENT REEL: 9622 FRAME: 0964 and (3) Signed at Austin on December 2, 19 43.

Patrick Edual, logar

and (4) Signed at AUSTIN on DEZEMBER 2 1998

MARK W. VANDERWIELE

Page 2 of 2

PATENT REEL: 9622 FRAME: 0965