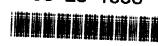
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PATENT REEL: 9398 FRAME: 0012

ASSIGNMENT

Docket No. B0998003

Whereas, we

INVENTOR AND CITY

(1) Scott David Mastie

of Longmont,

County of Boulder

and State of Colorado,

and (2) Christopher Brian Hirsch

of Arvada,

County of Jefferson

and State of Colorado,

have invented certain improvements in

TITLE

METHOD AND APPARATUS OF CREATING HIGHLY PORTABLE OUTPUT FILES

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) July 9, 1998, (2) _____, 1998.

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, we, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we 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

CITY DATE on July 9, 1998

___SIGNATURE

SIGNATURE

CITY DATE and (2) at Boulder, CO.

Christopher Brian Hirsch

INVENTOR

ASSIGNMENT

Docket No. B0998003

INVENTOR

Whereas, we INVENTOR (1) Scott David Mastie of Longmont, AND CITY County of Boulder and State of Colorado, Christopher Brian Hirsch of Arvada, and (2) County of Jefferson and State of Colorado, have invented certain improvements in METHOD AND APPARATUS OF CREATING HIGHLY PORTABLE OUTPUT FILES TITLE and executed, respectively, a United States patent application therefor on DATES THAT INVENTORS (1) _____, 1998, (2) 7/7 ___, 1998. SIGNED THE DECLARATION 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, we, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we 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 (1) at ____ CITY ___SIGNATURE , 1998, Scott David Mastie DATE INVENTOR and (2) at Arvada on 7/7, 1998,

> PATENT REEL: 9398 FRAME: 0014

CITY DATE