EXPRESS	MAIL	LABEL	NO.	EL8637	83513US
---------	------	-------	-----	--------	---------

PTO-1595

To the Horlorable Commissioner of Pa

DOCKET NO. POU920020009US1

Patent

TS

attached original document(s)

102000609 Execution Date:

03-05-2002

February 14, 2002 February 14, 2002 February 14, 2002

or copy thereof:							
1.	Name	of conveying	party(ies):				

Wayne A. SAWDON Frank B. SCHMUCK James C. WYLLIE

In place of Form

2. Name and address of receiving party: INTERNATIONAL BUSINESS MACHINES CORPORATION New Orchard Road Armonk, New York 10504

RECOR

Additional name(s) & address(es) attached?

Yes	<u>XX</u> No			
3. Nature of	conveyance:	<u> </u>	Assignment	

4. Application or patent number(s):

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. February 14, 2002

B. Patent No.(s):

A. Patent Application No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed: Customer No. 23334 Jon A. Gibbons FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L. One Boca Commerce Center

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

The Commissioner is hereby authorized to charge this fee and any additional fees to deposit account no. 09-0463

0

DO NOT USE THIS SPACE

8. Statement and signature:

Boca Raton, Florida 33487

551 Northwest 77th Street, Suite 111

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.

Jon A. Gibbons Name of Person Signing

February 15, 2002 Date onat

Total number of pages including cover sheet, attachments and document: 2

Mail document(s) to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments Washington, D. G. 20231

10077371 00000159 090463 03/04/2002 DBYRME 40.00 CH 01 FC:581

PATENT REEL: 012618 FRAME: 0341

EXPRESS MAIL LABEL NO. EL863783513US

PATENT

ASSIGNMENT

Whereas, we,

- (1)* Wayne A. SAWDON of San Jose, County of Santa Clara and State of California
- (2)* Frank B. SCHMUCK of Campbell, County of Santa Clara and State of California
- (3)* James C. WYLLIE of Monte Sereno, County of Santa Clara and State of California

have invented certain Improvements in

WRITABLE FILE SYSTEM SNAPSHOT WITH DITTO ADDRESS FEATURE

and executed a United States patent application therefor on the following date(s):

2002 (2) - 14-Feb-2002

and

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 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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:

LOCATION (City and State you are in when signing this document)

(1) SAN Jase UA

(2) Solu Zose, CA

(3) San Jose CA

Docket No. POU920020009US1

*PLEASE CHECK OR FILL IN ALL SECTIONS WITH AN ASTERISK DATE

SIGNATURE

til 14th 2002

PATENT REEL: 012618 FRAME: 0342

RECORDED: 02/15/2002