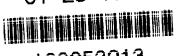
[x]

01-28-1999

RECORDATION FORM COVER SI



PATENTS ONLY 100953213 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) (1) Christopher Whitaker (2) Conor Morrison Name: Digital Equipment Corporation (3) Alan G. Dewar (4) James Hogg Internal Address: (5) Kevin Playford Additional name(s) of conveying party(ies) attached? [] Yes [x] No Street Address: 20555 State Highway 249 3. Nature of conveyance: Assignment [] Merger [] Change of Name Security Agreement City: Houston Other Execution Date: (1,4)12/22/98; (2,3)12/23/98; (5)12/19/98 Additional name(s) & address(es) attached? [] Yes [x] No Application number(s) or patent number(s): 69228662If this document is being filed together with a new application, the execution date of the application is: (1,4)12/22/98;(2,3)12/23/98;A. Patent Application No.(s) B. Patent No.(s) 1-12-99 Additional numbers attached? [] Yes [x] No Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Total Fee (37 C.F.R. 3.41).....\$ 40.00 Name: Mary Lou Wakimura, Esq. [X] Enclosed (included with filing fee) Internal Address: [X] Authorized to charge any deficiencies or credit any overpayment to deposit account Hamilton, Brook, Smith & Reynolds, P.C. Authorized to be charged to deposit account 8. Deposit account number: Street Address: Two Militia Drive ZIP: 02421-4799 State: MA City: Lexington (Attach duplicate copy of this page if paging by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copsis a true copy of the original document. Mary Lou Wakimura Name of Person Signing

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

REEL: 9715 FRAME: 0489

ASSIGNMENT

WHEREAS, We, Christopher Whitaker, Conor Morrison, Alan G. Dewar, James Hogg and Kevin Playford, are joint inventors of "COMPUTER DISK MANAGEMENT SYSTEM USING DOUBLET A-B LOGGING", application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, DIGITAL EQUIPMENT CORPORATION, a corporation created and existing under and by virtue of the laws of the Commonwealth of Massachusetts, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to DIGITAL EQUIPMENT CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by DIGITAL EQUIPMENT CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to DIGITAL EQUIPMENT CORPORATION, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to DIGITAL EQUIPMENT CORPORATION, its successors, assigns, or other legal representatives and that if DIGITAL EQUIPMENT CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to DIGITAL EQUIPMENT CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 2211 day of	DECEMBER , 1998.
	C. Whitah
	Christopher Whitaker
BATHGATE, SCOTLAND	§
UNITED KINGDOM	§
BEFORE ME, the undersigned authority, Whitaker, known to me to be the person whose national acknowledged to me that he executed the same expressed.	
GIVEN UNDER MY HAND and seal of 19 18.	office this 22 al day of OECE MBER,
Notary Pub	R. Coma
*********	******
EXECUTED THIS 23rd day of 1	ECEMBER , 1998
K	ona Mamoi
EDINBURGH, SCOTLAND	Conor Morrison §
UNITED KINGDOM	§
known to me to be the person whose name is sub-	on this day personally appeared Conor Morrison, scribed to the foregoing instrument, and or the purposes and consideration therein expressed.
GIVEN UNDER MY HAND and seal of	office this 23rd day of December, 19
· · · · · · · · · · · · · · · · · · ·	R. Curia
Notary Pub	

EXECUTED THIS LINE day of	of PRCEMISER, 1990.
	Alema Dewer.
	Alan G. Dewar
EDIJBURCH, SCOTLAND	§
JNITED KINGDOM	§
known to me to be the person whose name	hority, on this day personally appeared Alan G. Dewar, is subscribed to the foregoing instrument, and same for the purposes and consideration therein expressed.
GIVEN UNDER MY HAND and s	seal of office this 23-d day of December, 19
Nota	ry Public

EXECUTED THIS 22 nd day	of December, 1998.
	James H. Hogg
	James Hogg
DUNFERMLINE , SCOTLAND	§
UNITED KINGDOM	§
to me to be the person whose name is subs me that he executed the same for the purpo	
GIVEN UNDER MY HAND and	seal of office this 22nd day of ECEMBER, 19
•	ary Public
1101	

EXECUTED THISday of _	DECEMBL	= 1	, 19 <u>43</u> .	
-	- CHAJA	evin Playford)	
	Λ.	eviii Flayloid		
CRUSSFORD, SCOTLAND	§			
UNITED KINGDOM	§			
BEFORE ME, the undersigned author known to me to be the person whose name is acknowledged to me that he executed the same	subscribed to the	e foregoing in	strument, and	
GIVEN UNDER MY HAND and seal	of office this _	161 day of	DECEMBER	_, 19
	Ž _ `	Enher-		

Notary Public

RECORDED: 01/12/1999