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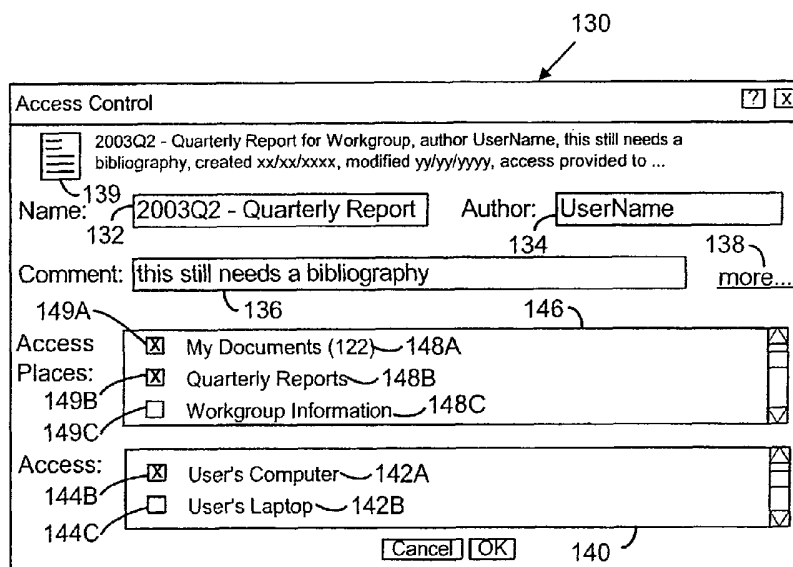
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[Continued on next page]

(54) Title: INTERFACE FOR CONTROLLING ACCESS TO COMPUTER OBJECTS



(57) Abstract: A computer object access control graphical user interface (100, 130) allows a user to set computer locations (142A-142B) where a computer object may be accessed and other users (148A-148C) who may access the computer object. The computer object may be a computer file, a computer message, person contact information, etc. The access control user interface (100, 130) may operate, for example, to save a computer object to one or more computer locations (142A-142B) and also to specify sharing of the computer object with one or more other users (148A-148C) so that they can access the object. This provides, therefore, a unified interface (100, 130) for selecting and displaying destinations that can be either a file store (142A-142B) or a person (148-148C), thereby unifying the control of access to a computer object.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/19987

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 3/00, 17/30 US CL : 715/741,738,733; 707/2,10 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : Please See Continuation Sheet Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST: files USPAT,US-PGPUB,IBM_TDB		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,507,845 B1 (COHEN et al) 14 January 2003 (14.01.2003), Abstract; figs 4,6,10,18,19; col 2, line 64 - col 3 line 11; col 3, lines 26-46; col 5, lines 4-10; col 6, lines 35 - col 7, line 3; col 8, lines 51-61.	1-18
Y	US 6,098,072 A (SLUIMAN et al) 01 August 2000 (01.08.2000), Abstract; figs 2,3; col 2, lines 3-16; col 2, line 63 - col 3, line 4; col 3, lines 31-56.	1-18
A	US 5,423,034 A (COHEN-LEVY et al) 06 June 1995 (06.06.1995), Abstract; figs 2,5; col 6, lines 37-43; col 8, lines 13-36; col 11, lines 46-52; col 12, lines 8-34; col 13, line 53 - col 14, line 2; col 18, lines 48-64.	1-18
A	US 6,401,097 B1 (McCOTTER et al) 04 June 2002 (04.06.2002), Abstract; figs 1,2,3; col 3, lines 8-22; col 4, lines 6-29.	1-18
A	US 6,501,491 B1 (BROWN et al) 31 December 2002 (31.12.2002), Abstract; col 4, lines 9-27; col 6, lines 36-61; col 8, lines 44-61; col 13, lines 21-30.	1-18
A	US 5,760,770 A (BLISS et al) 02 June 1998 (02.06.1998), Abstract; fig 12; col 2, lines 23-36; col 4, lines 40-51; col 8, lines 22-48; col 12, lines 14-52.	1-18
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 08 April 2005 (08.04.2005)		Date of mailing of the international search report 13 APR 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Raymond J. Bayerl <i>James R. Matthews</i> Telephone No. (571) 272-4045

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/19987

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-18

Remark on Protest

☐
☐

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
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BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

Group I, claim(s) 1-18, drawn to a graphical user interface that controls access to a computer object through the selection of computer spaces.

Group II, claim(s) 19-22, drawn to a field-based interface for accessing computer objects in which recent objects are listed.

1. This International Searching Authority considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated below:

The inventions listed as Groups I, II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: divergent sets of special technical features are needed for access restriction and for recent object access. Group I's access control operates apart from the recency maintenance seen in Group II; different special technical features than those related to Group II's recent selections are recited in Group I.

Continuation of B. FIELDS SEARCHED Item 1:

715/741,738,733; 707/2,10 715/741,738,733,742,743,739,751,752,758,744,745,747,811,812,822,853,855;707/2,10,102,104,1,205,200