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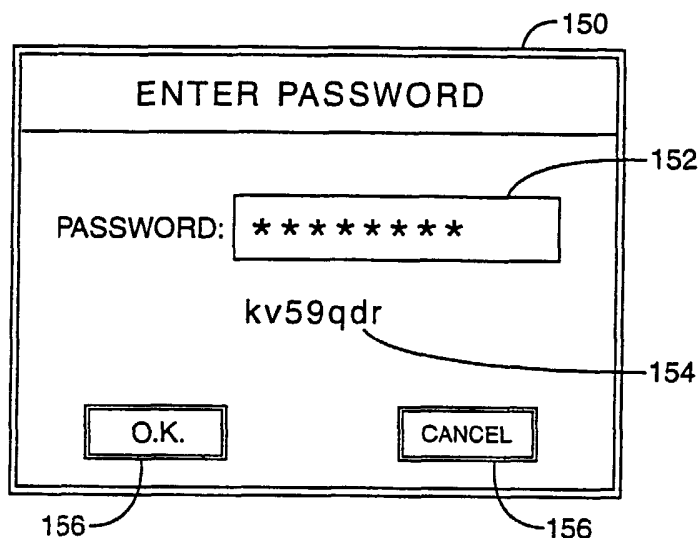
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTI-SPOOFING PASSWORD PROTECTION



(57) Abstract: A system and method to prevent the inadvertent disclosure of a password. A valid password input request results in a password entry screen being displayed to a user that includes authentication indicia known to the user. Failure to see the authentication indicia causes the user to know that the request is a spoof. The invention may further include a method and system of limiting the applications that operate after a password input request is received. Only the applications necessary for inputting the password operate, as the other applications are set as inoperable until the password has been input. This prevents a remote source from obtaining the password has been input. This prevents a remote source from obtaining the password through fraudulent means such as a screen capture or trojan horse program.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/43476

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/00

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)
IPC 7 G06F

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 practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 046 976 A (SUN MICROSYSTEMS INC) 25 October 2000 (2000-10-25) abstract page 3, column 3, line 25 - page 3, column 4, line 2 page 4, column 5, line 6 - page 4, column 6, line 21 page 5, column 7, line 42 - page 5, column 8, line 2 figures 1,2	1,2,4, 11,12,19
Y	page 3, column 3, line 25 - page 3, column 4, line 2 ----- -/--	3

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in 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 document but 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

15 April 2003

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/43476

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 479 112 A (HIRSCH STEVEN B) 23 October 1984 (1984-10-23) column 2, line 14 - column 2, line 41 column 8, line 60 - column 9, line 3 figure 4 -----	3
X	EP 0 443 423 A (DIGITAL EQUIPMENT CORP) 28 August 1991 (1991-08-28) page 7, column 12, line 51 - page 8, column 13, line 10 page 8, column 14, line 44 - page 9, column 15, line 33 -----	1,2,4, 11,19
X	US 5 664 099 A (KAUFMAN CHARLES W ET AL) 2 September 1997 (1997-09-02) column 2, line 14 - column 2, line 24 column 3, line 49 - column 4, line 33 column 5, line 25 - column 5, line 36 column 3, line 8 - column 3, line 45 -----	1,2,11, 19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 01/43476

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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 II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional 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.:

1-4, 11, 12, 19

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4,11,12,19

method of protecting an authentication indicia against
eavesdropping

2. claims: 5-10,13-18

method of protecting a password entry screen against rogue
programs

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/43476

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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			DE	69132809 T2		29-05-2002
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