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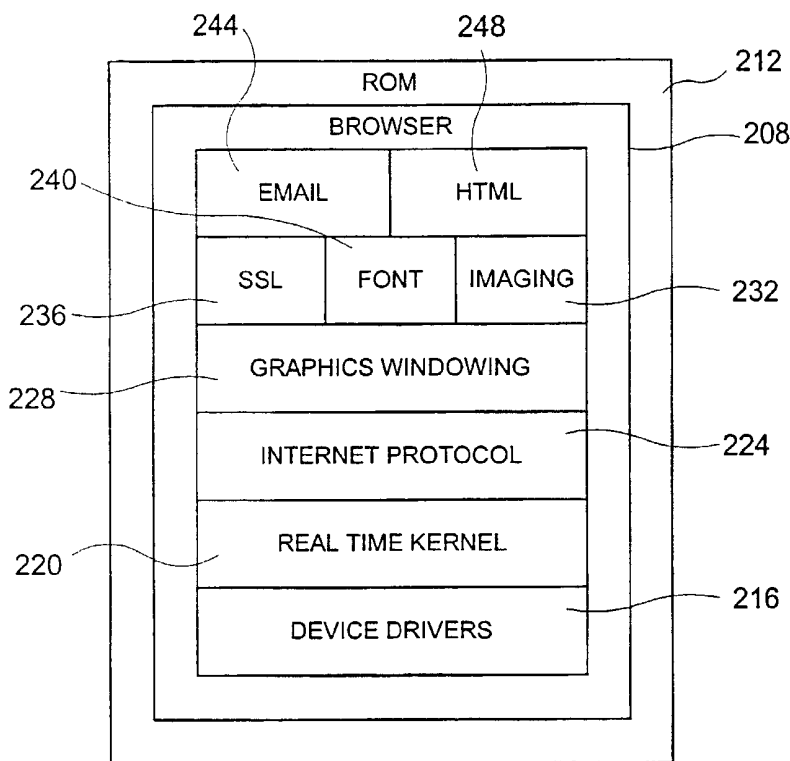
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[Continued on next page]

(54) Title: SELF-CONTAINED NETWORK BROWSER WITH DIAGNOSTIC ABILITIES



(57) Abstract: A network browser with diagnostic abilities stored in a persistent memory, wherein the persistent memory is not a hard disk, is provided. The network browser is used to repair failures of peripheral devices in a networked computer, such as a hard drive, so as to avoid forcing a user to manually diagnose or solve the failure. Moreover, the network browser removes strict dependence on a traditional operating system, and thus the hard disk, to make such repairs. According an embodiment, the network browser comprises a plurality of software modules. The modules include: a device driver module (216), which is configured to initialize and test one or more peripheral devices; a real time kernel module (220), which is configured to detect and dispatch data to and from peripheral devices, though said device driver module (216), including processing diagnostic data corresponding to operation of said peripheral devices, and to perform memory management tasks; an

internet protocol module (224), which is configured to handle network communications with remote devices; a graphics windowing module (232), which is configured to process visual display data and control; and a hypertext markup language module (248) configured to interpret hypertext markup language documents for display with said graphics windowing module (232).



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# INTERNATIONAL SEARCH REPORT

International Application No PCT/US 00/16978
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**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G06F17/30 G06F9/445

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)  
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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.
A	US 5 870 610 A (BEYDA WILLIAM J) 9 February 1999 (1999-02-09) column 2, line 48 -column 3, line 8 column 4, line 54 -column 5, line 38 ---	1-12
A	US 5 884 073 A (DENT DAVID E) 16 March 1999 (1999-03-16) column 1, line 51 -column 2, line 43 column 3, line 64 -column 4, line 48 ---	1-12
A	EP 0 847 008 A (HEWLETT PACKARD CO) 10 June 1998 (1998-06-10) column 2, line 3-36 column 3, line 31 -column 4, line 52 column 8, line 35 -column 9, line 4 -----	1-12

Further documents are listed in the continuation of box C.       Patent family members are listed in annex.

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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer  Correia Martins, F
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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