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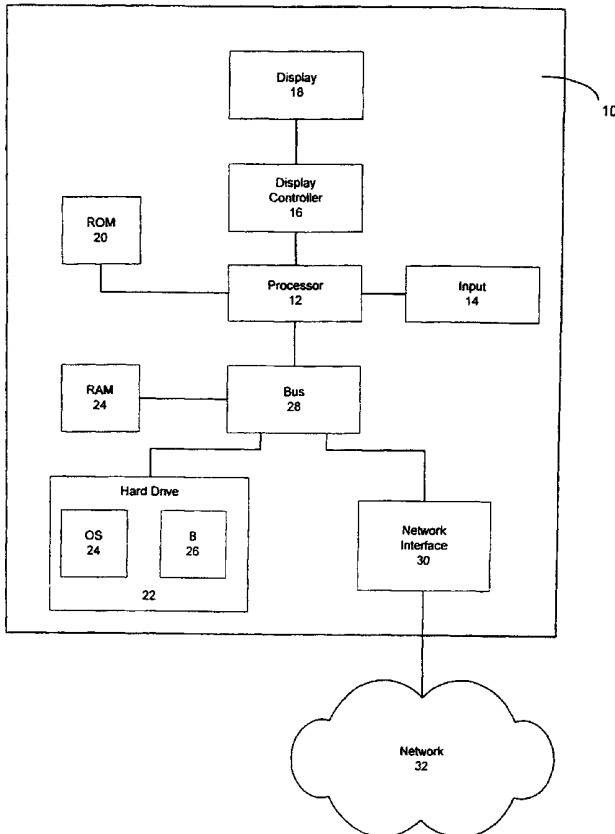
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(54) Title: A SYSTEM AND METHOD FOR ALTERING AN OPERATING SYSTEM START-UP SEQUENCE PRIOR TO OPERATING SYSTEM LOADING



(57) Abstract: A method for altering the start-up sequence of an operating system prior to loading the operating system is disclosed. The method allows changes to be made to the start-up sequence of processes and applications initiated by the operating system based upon the occurrence of a designated event during the BIOS boot sequence. In this manner, events occurring prior to operating system loading affect the operating system start-up sequence. Similarly, the illustrative embodiment of the present invention may, during the period of time the operating system is operating, write instructions which control the sequence of events taking place during the subsequent BIOS boot sequence.



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A. CLASSIFICATION OF SUBJECT MATTER
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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, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 907 124 A (SEIKO EPSON CORP) 7 April 1999 (1999-04-07) column 2, line 1 - last line ---	1-36
A	EP 0 448 497 A (IBM) 25 September 1991 (1991-09-25) page 3, line 44 -page 4, line 5 ---	1-36
A	US 5 822 582 A (HALLOWELL WILLIAM C ET AL) 13 October 1998 (1998-10-13) column 13, line 36 - line 64 ---	1-36
A	US 5 627 964 A (LIPE RALPH A ET AL) 6 May 1997 (1997-05-06) column 6, line 16 - last line ---	1-36
	-/--	



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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 336 921 A (IBM) 3 November 1999 (1999-11-03) page 7, line 30 -page 8, line 12 -----	1-36
A	WOLKING, GREG: "Restoring DOS After Upgrading to win 95" PC MAGAZINE, 'Online! 25 March 1997 (1997-03-25), pages 1-2, XP002189032 Retrieved from the Internet: <URL:http://www.zdnet.com/pcmag/pctech/con tent/solutions/uul606a.htm> 'retrieved on 2002-02-04! the whole document -----	1-36

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	A	Publication date		Patent family member(s)	Publication date
EP 0907124	A	07-04-1999	EP	0907124 A1	07-04-1999
			WO	9844408 A1	08-10-1998
<hr/>					
EP 0448497	A	25-09-1991	US	5134580 A	28-07-1992
			DE	69122536 D1	14-11-1996
			DE	69122536 T2	17-04-1997
			EP	0448497 A2	25-09-1991
			JP	2049350 C	25-04-1996
			JP	5127876 A	25-05-1993
			JP	7086835 B	20-09-1995
<hr/>					
US 5822582	A	13-10-1998	US	6115815 A	05-09-2000
<hr/>					
US 5627964	A	06-05-1997	US	5784549 A	21-07-1998
<hr/>					
GB 2336921	A	03-11-1999	US	6167494 A	26-12-2000
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