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Malamud et al.

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(54) **INFORMATION CURSORS**

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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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- (22) Filed: **Oct. 26, 1994**

Related U.S. Application Data

- (63) Continuation of application No. 08/054,564, filed on Apr. 28, 1993, now abandoned.
- (51) **Int. Cl.⁷** **G09G 5/08**
- (52) **U.S. Cl.** **345/711; 345/705**
- (58) **Field of Search** 345/145, 146, 345/156, 157, 163, 705, 711

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,789,962 A	12/1988	Berry et al.	364/900
4,984,152 A	1/1991	Muller	364/200
5,157,768 A	10/1992	Hoeber et al.	395/157
5,169,342 A	12/1992	Steele et al.	434/112
5,436,637 A	* 7/1995	Gayraud et al.	345/146

OTHER PUBLICATIONS

- Meckler Corporation, Treasures of the Smithsonian, Evaluation (from Dialog), pp. 1-4, May 2002.*
- Matthies, Kurt W. G. "Balloon Help Takes Off," *Power Tools, Power Programming*, Mac User, Dec. 1991, 5 pages.
- Macintosh Reference 7*, Apple Computer, Inc., Chapter 1, "A Review of Standard Macintosh Operations," 1991, pp. 30-31.
- "Unobtrusive Application Icon Label Interface," *IBM Technical Disclosure Bulletin*, New York, Nov. 1990, vol. 33 (6A), p. 104.
- "User-Controlled Display of Hypermedia Links via Mouse Location," *IBM Technical Disclosure Bulletin*, New York, Aug. 1993, vol. 36 (8), p. 669.

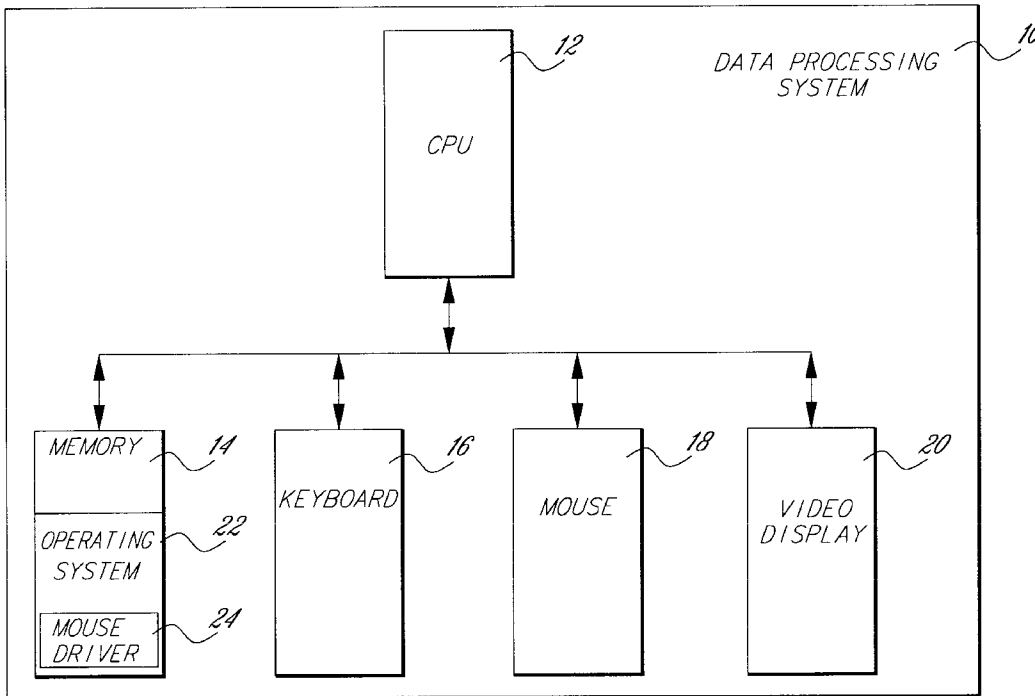
* cited by examiner

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(57) **ABSTRACT**

Information cursors are provided for use in an operating system and/or application programs. Each information cursor includes a pointing portion to point to objects displayed on a video display and an information portion to display information about an object to which the pointing portion points. The information displayed in an information cursor may include the name of the object, a preview of the contents of the object, or property information about the object.

13 Claims, 6 Drawing Sheets



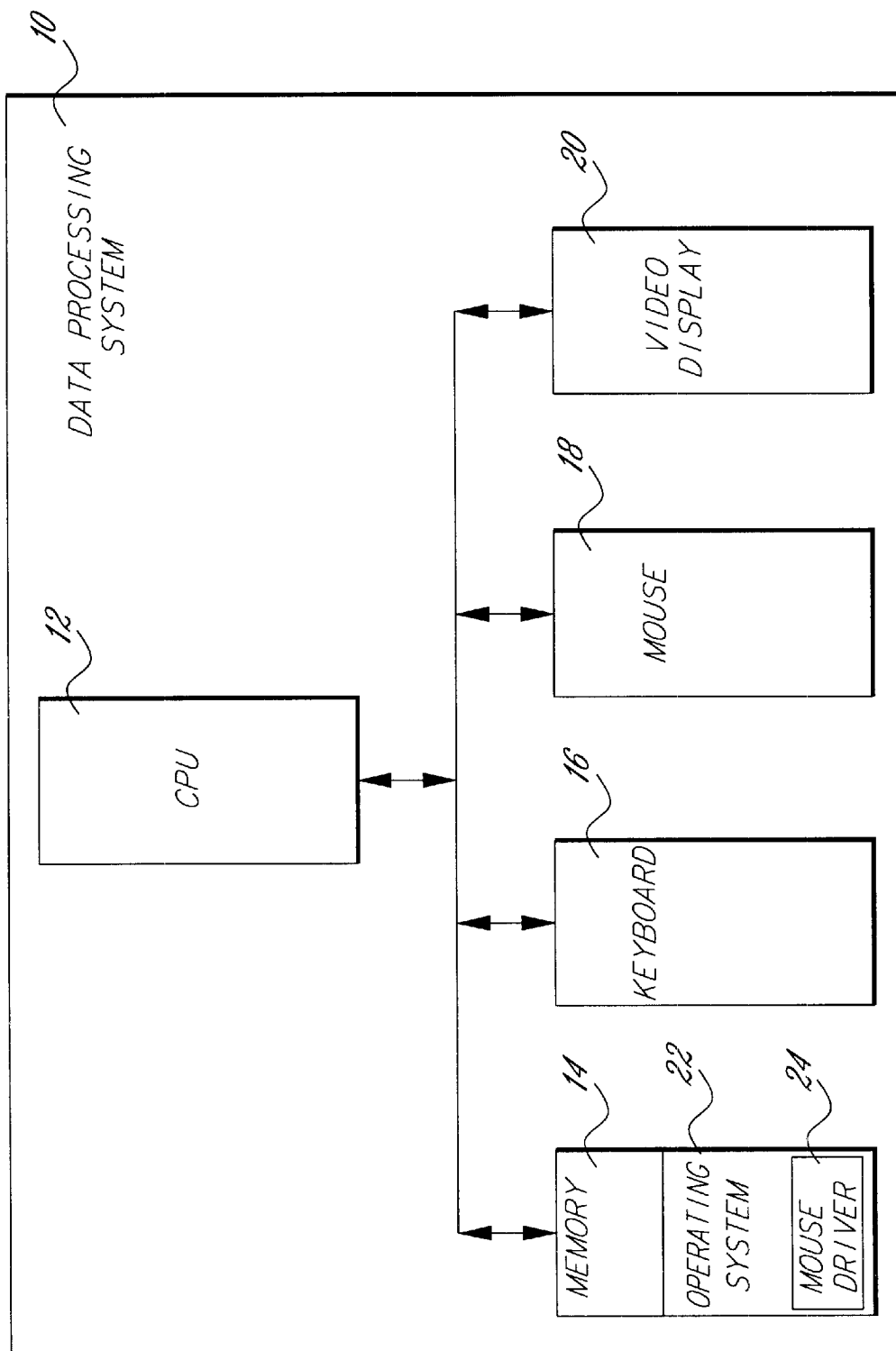


Fig. 1

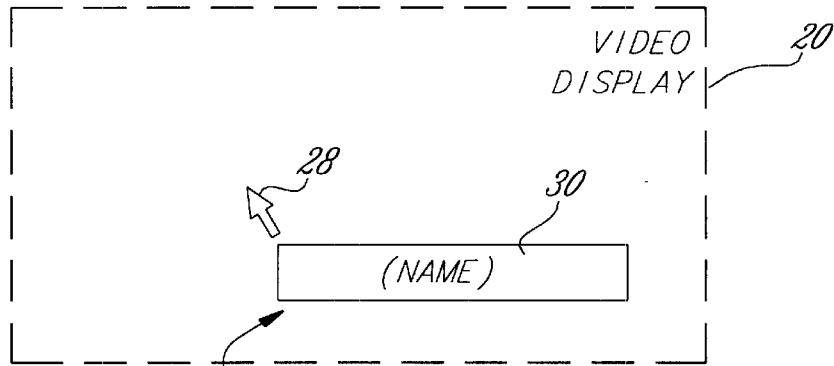


Fig. 2a
NAME CURSOR

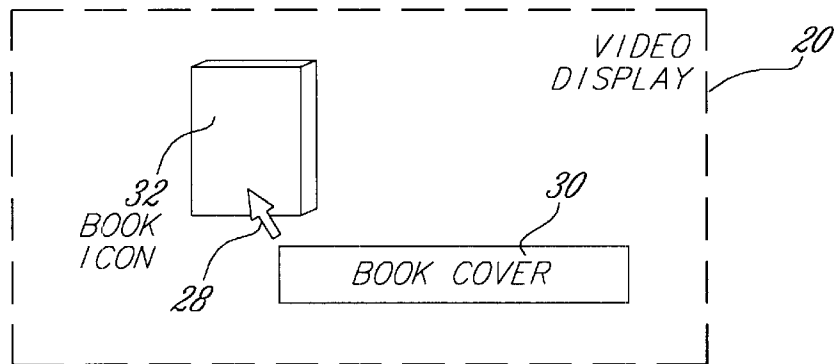


Fig. 2b
NAME CURSOR

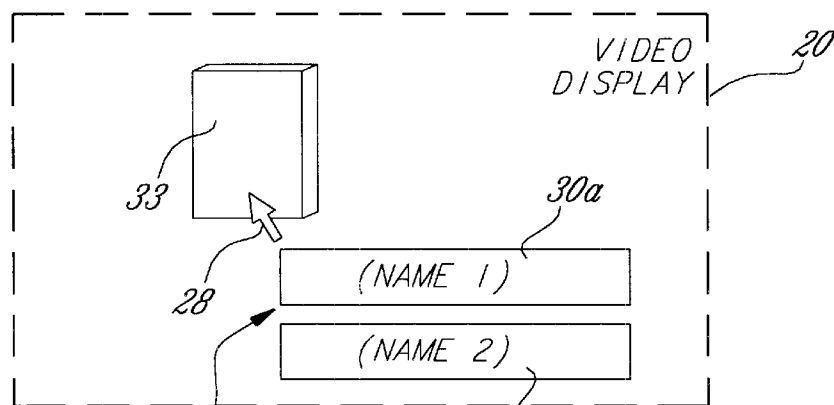
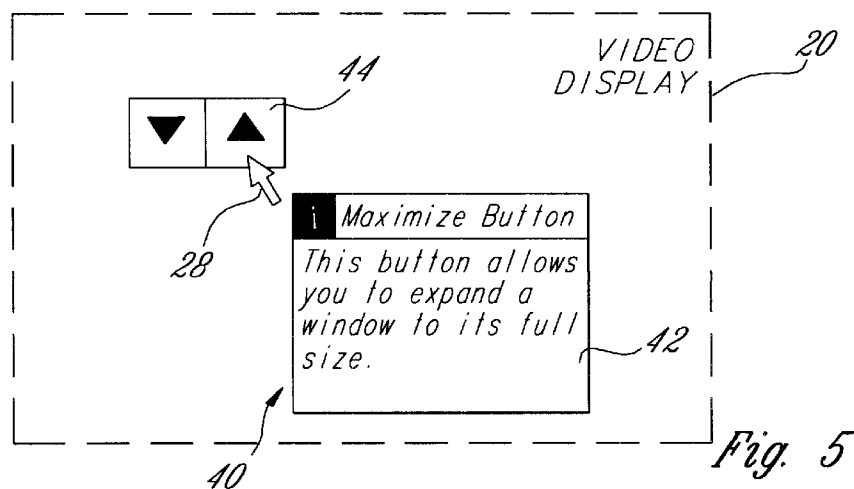
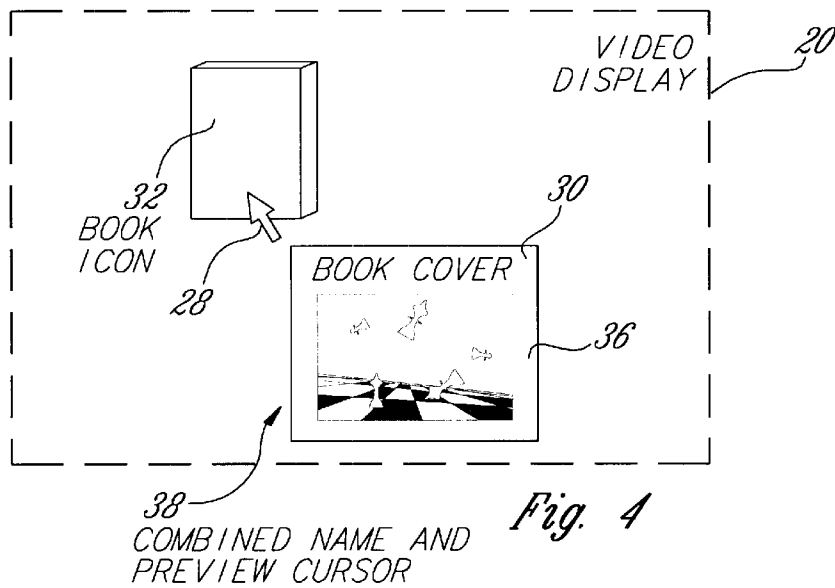
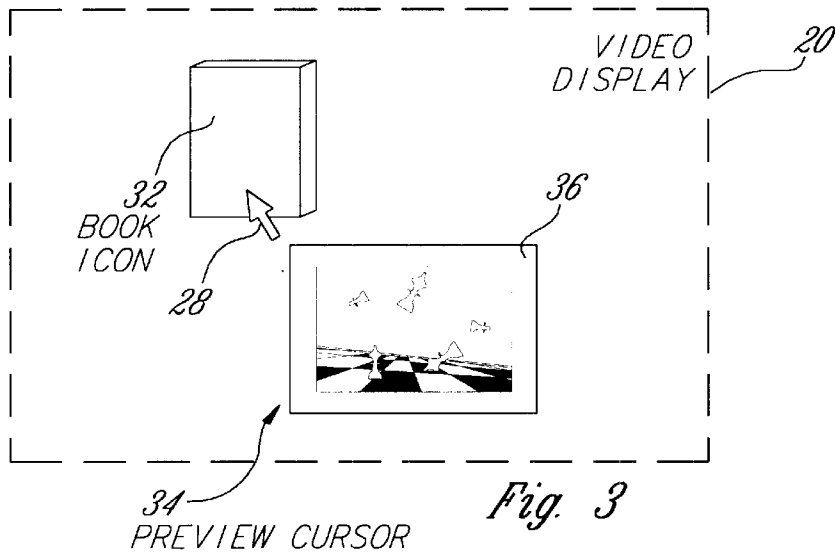


Fig. 2c
NAME CURSOR



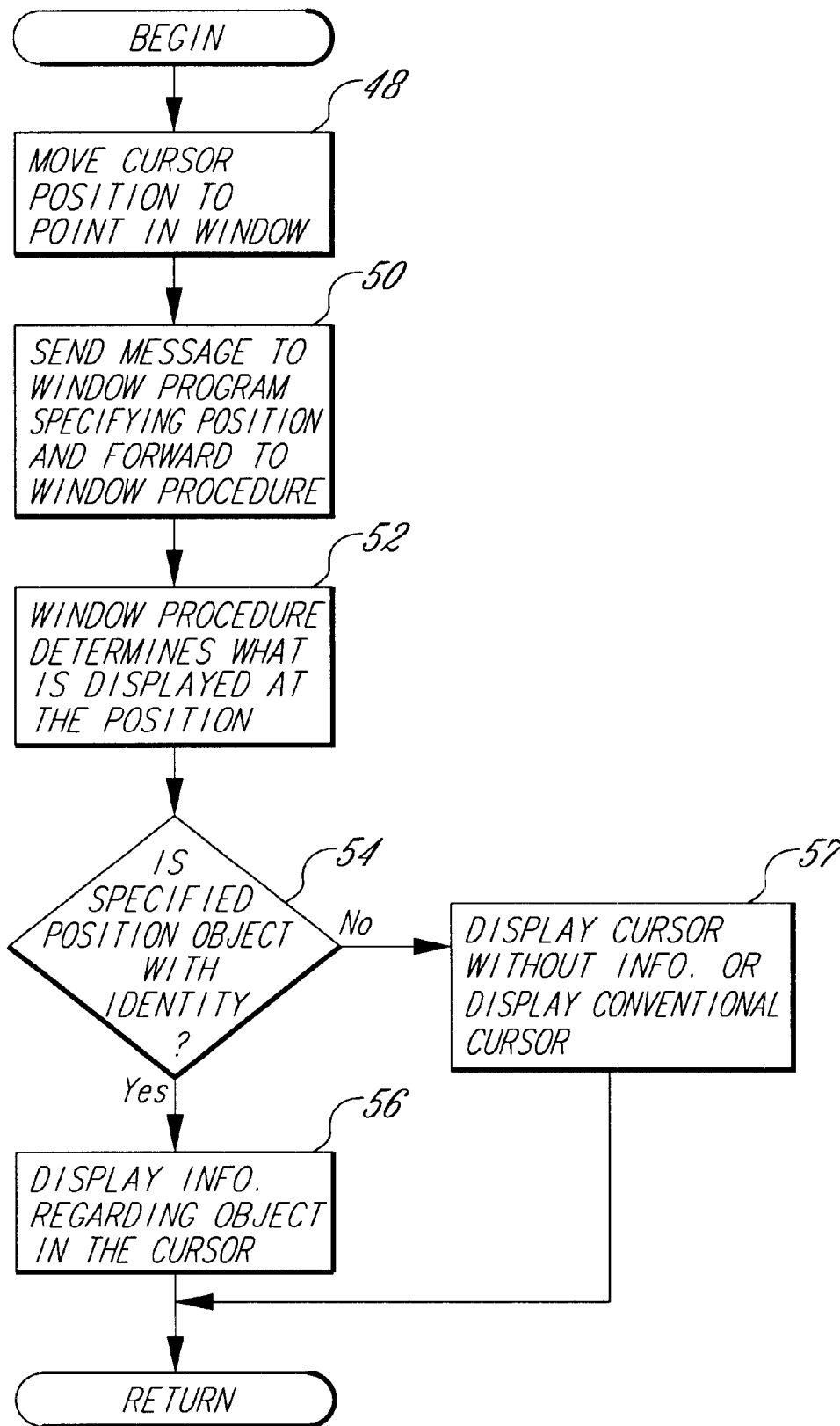


Fig. 6

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