



US005463725A

United States Patent [19]

[11] Patent Number: **5,463,725**

Henckel et al.

[45] Date of Patent: **Oct. 31, 1995**

[54] **DATA PROCESSING SYSTEM GRAPHICAL USER INTERFACE WHICH EMULATES PRINTED MATERIAL**

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[75] Inventors: **Jonathan D. Henckel; Paul A. Hoppers**, both of Rochester, Minn.

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[73] Assignee: **International Business Machines Corp.**

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[21] Appl. No.: **998,988**

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[22] Filed: **Dec. 31, 1992**

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[51] Int. Cl.⁶ **G06F 15/00**

[52] U.S. Cl. **395/155; 395/161; 395/152**

[58] Field of Search **395/155-161; 345/173, 121, 126, 135**

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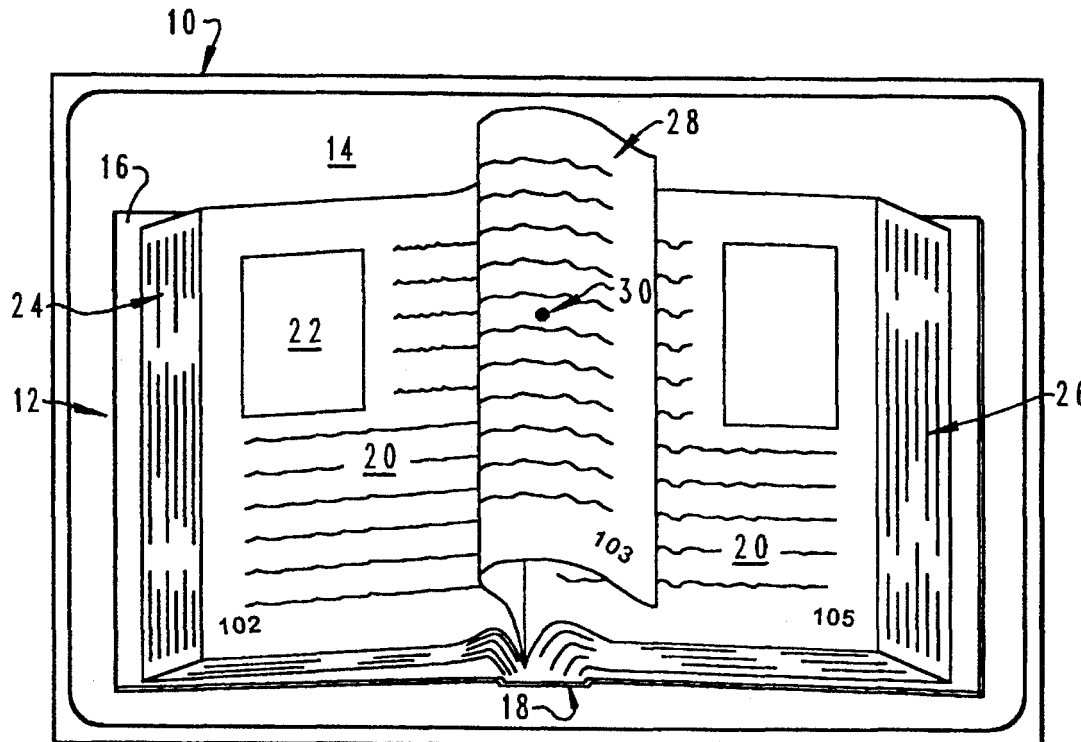
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[57] ABSTRACT

An interface for making information available to a user provides a display similar to a printed book or magazine. In order to "turn the page" of the displayed book, the user touches the screen with his hand or a pointing device, and moves it across the screen. Movement across the screen, while touching the screen, causes an animated turning of the page of the displayed printed material. This page turning technique is very similar to the turning of a page with an actual book or magazine.

25 Claims, 4 Drawing Sheets



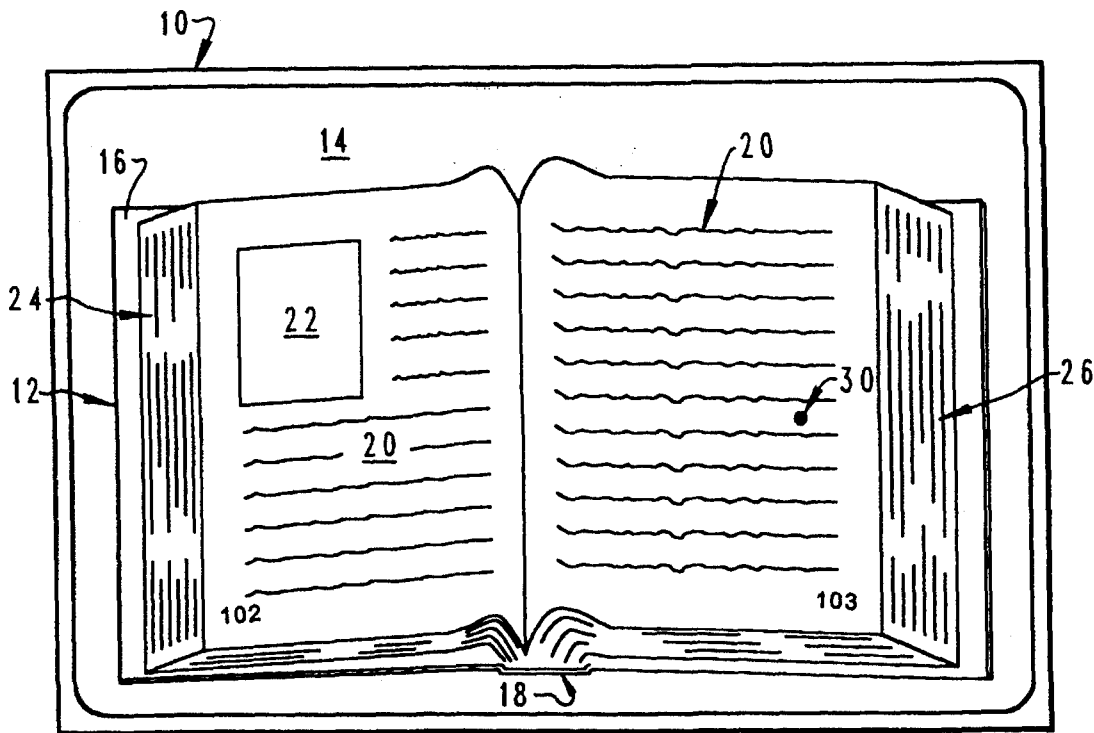


Fig. 1

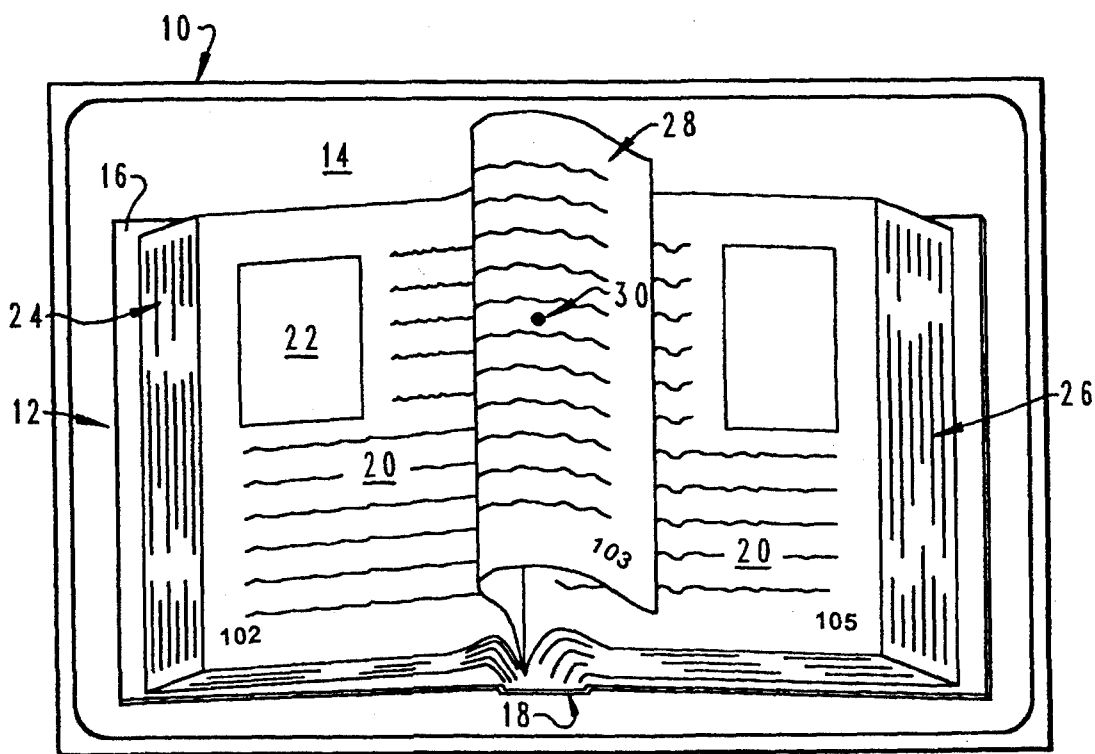


Fig. 2

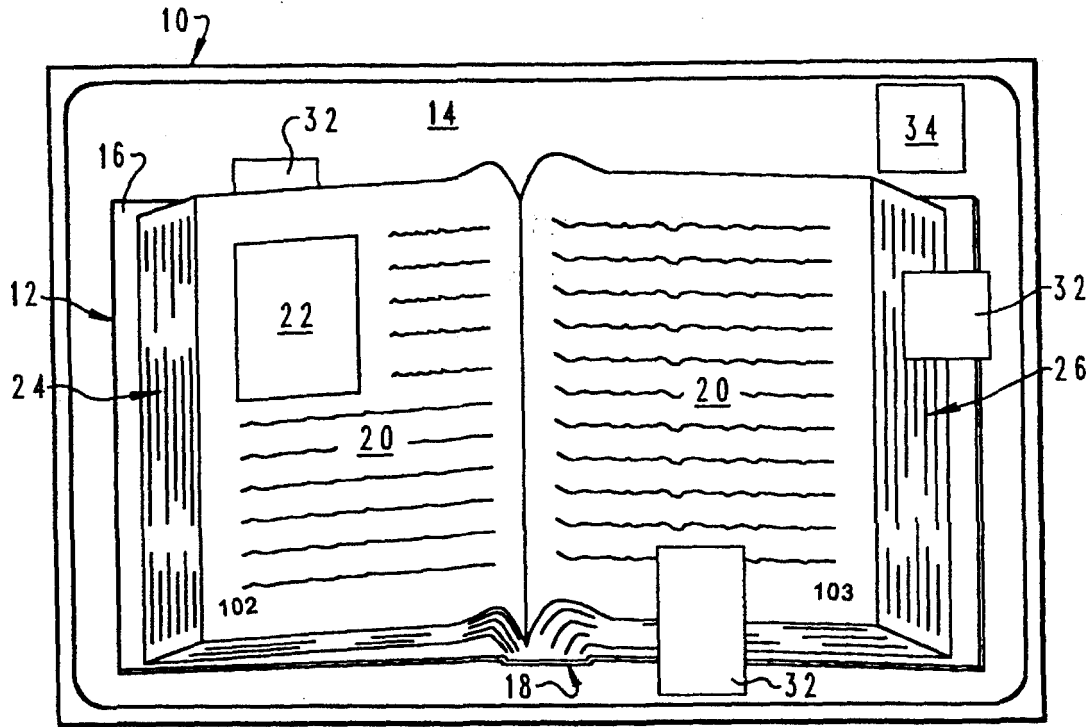


Fig. 3

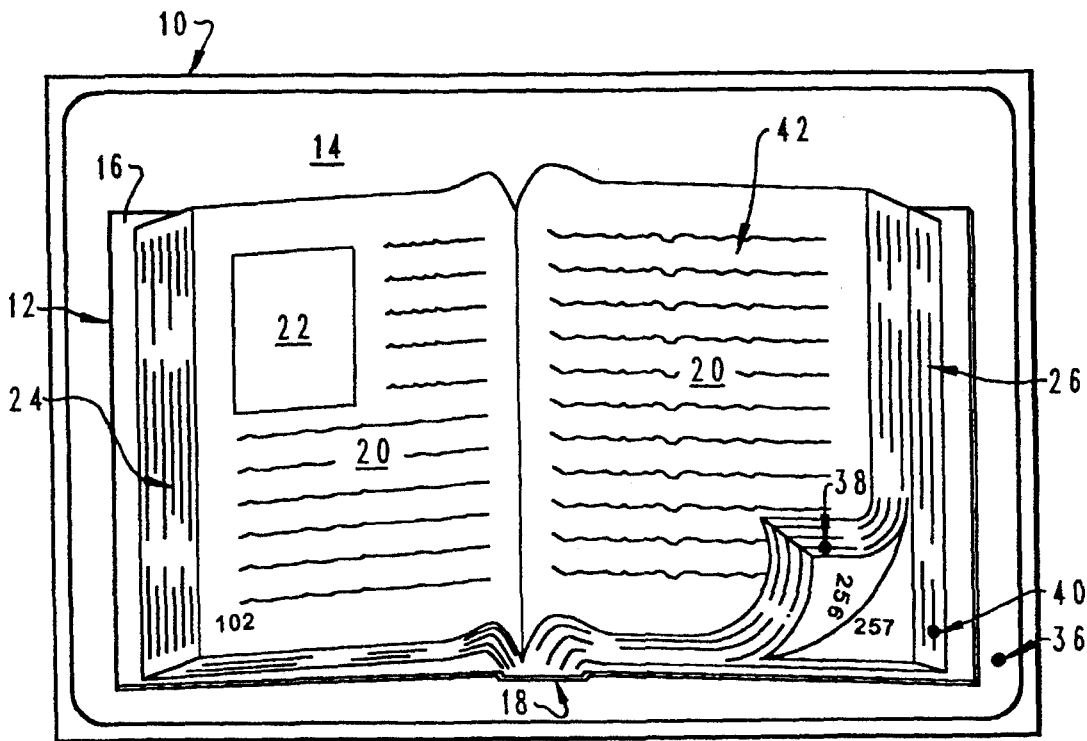


Fig. 4

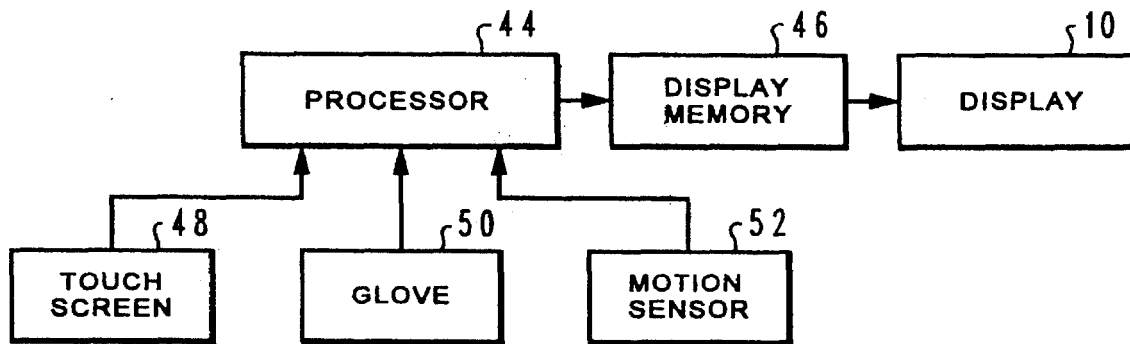


Fig. 5

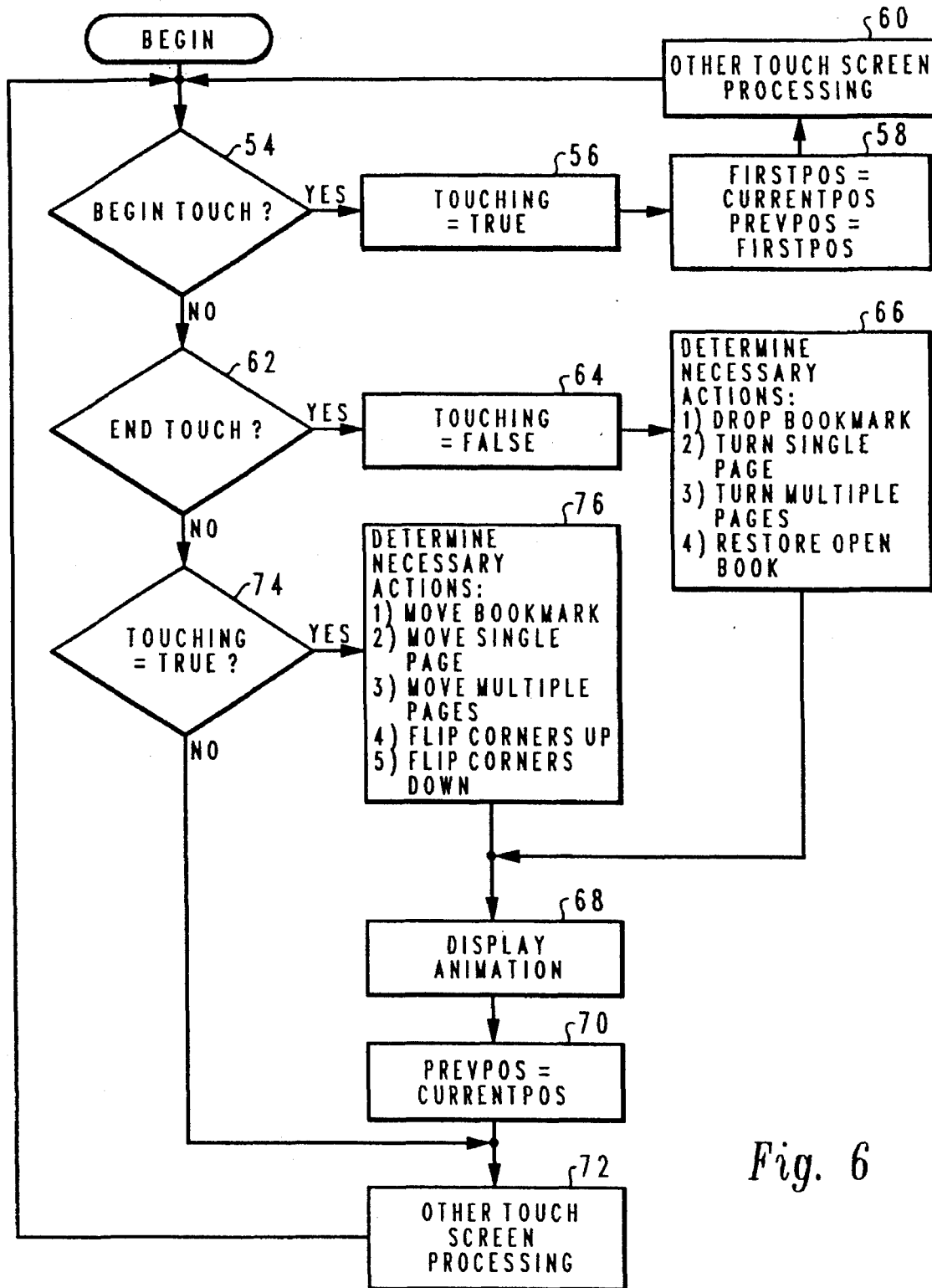


Fig. 6

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