



US006710791B1

(12) **United States Patent**  
**Kodama et al.**

(10) **Patent No.:** **US 6,710,791 B1**  
(45) **Date of Patent:** **\*Mar. 23, 2004**

(54) **PORTABLE INFORMATION GATHERING APPARATUS AND INFORMATION MANAGEMENT METHOD**

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(\*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

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

(21) Appl. No.: **08/792,026**

(22) Filed: **Jan. 31, 1997**

(30) **Foreign Application Priority Data**

Feb. 1, 1996 (JP) ..... 8-016903

(51) **Int. Cl.<sup>7</sup>** ..... **G09G 5/00**

(52) **U.S. Cl.** ..... **345/835; 345/839; 707/7; 715/537**

(58) **Field of Search** ..... 345/173, 169, 345/350, 340, 156, 179, 1, 901, 903, 77, 357, 104, 439, 835, 838, 839; 379/93.23, 93.17; 707/501, 7, 100, 101, 102; 178/18.03, 18.04, 19.01; 715/515, 522, 525, 526, 530, 537

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,049,862 A \* 9/1991 Dao et al. .... 345/179

5,268,817 A	*	12/1993	Miyagawa et al. ....	361/679
5,401,917 A	*	3/1995	Yoshida et al. ....	345/179
5,406,307 A	*	4/1995	Hirayama et al. ....	345/179
5,453,761 A	*	9/1995	Tanaka .....	345/173
5,467,102 A	*	11/1995	Kuno et al. ....	345/1
5,634,080 A	*	5/1997	Kikinis et al. ....	345/156
5,663,748 A	*	9/1997	Huffman et al. ....	345/173
5,673,406 A	*	9/1997	Hirayama .....	345/350
5,708,825 A	*	1/1998	Sotomayor .....	707/501
5,737,599 A	*	4/1998	Rowe et al. ....	395/615
5,745,109 A	*	4/1998	Nakano et al. ....	345/340
5,790,122 A	*	8/1998	Cecchini et al. ....	345/357

**OTHER PUBLICATIONS**

“Mastering WordPerfect 5.1 & 5.2 for Windows” Alan Simpson, 1993, pp. 74–76 and 250256.\*

\* cited by examiner

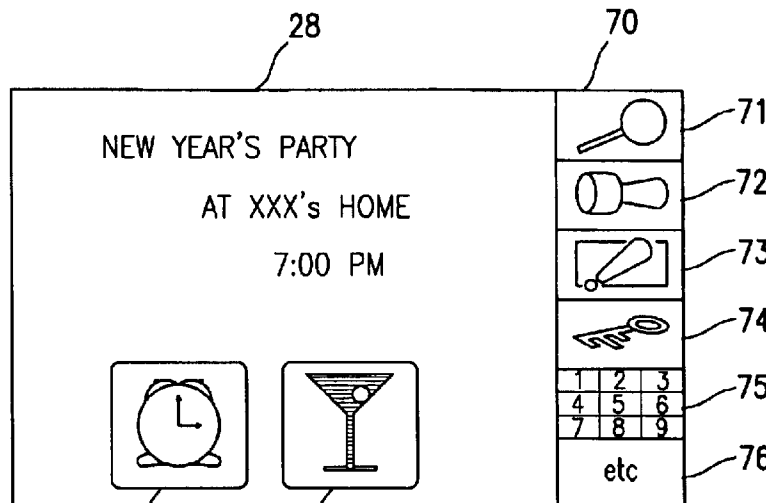
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(57) **ABSTRACT**

A portable information gathering apparatus and information managing method in the same make it possible to capture information entered through an input/display tablet, image information entered through an image input device and voice information entered through a voice input device, and other type of information for individual pages, each corresponding to all information displayed at one time on a screen. In response to an instruction given by a user of the portable information gathering apparatus, an attach-to-page icon setting unit attaches icons to desired pages to manage the page information in units of pages. Several of these icons are: an icon for managing the information captured in respective pages by time-related data such as date and time; an icon for specifying a particular page; an icon serving as a memo guide; and an icon for managing the information captured in the respective pages by the type of information.

**18 Claims, 17 Drawing Sheets**



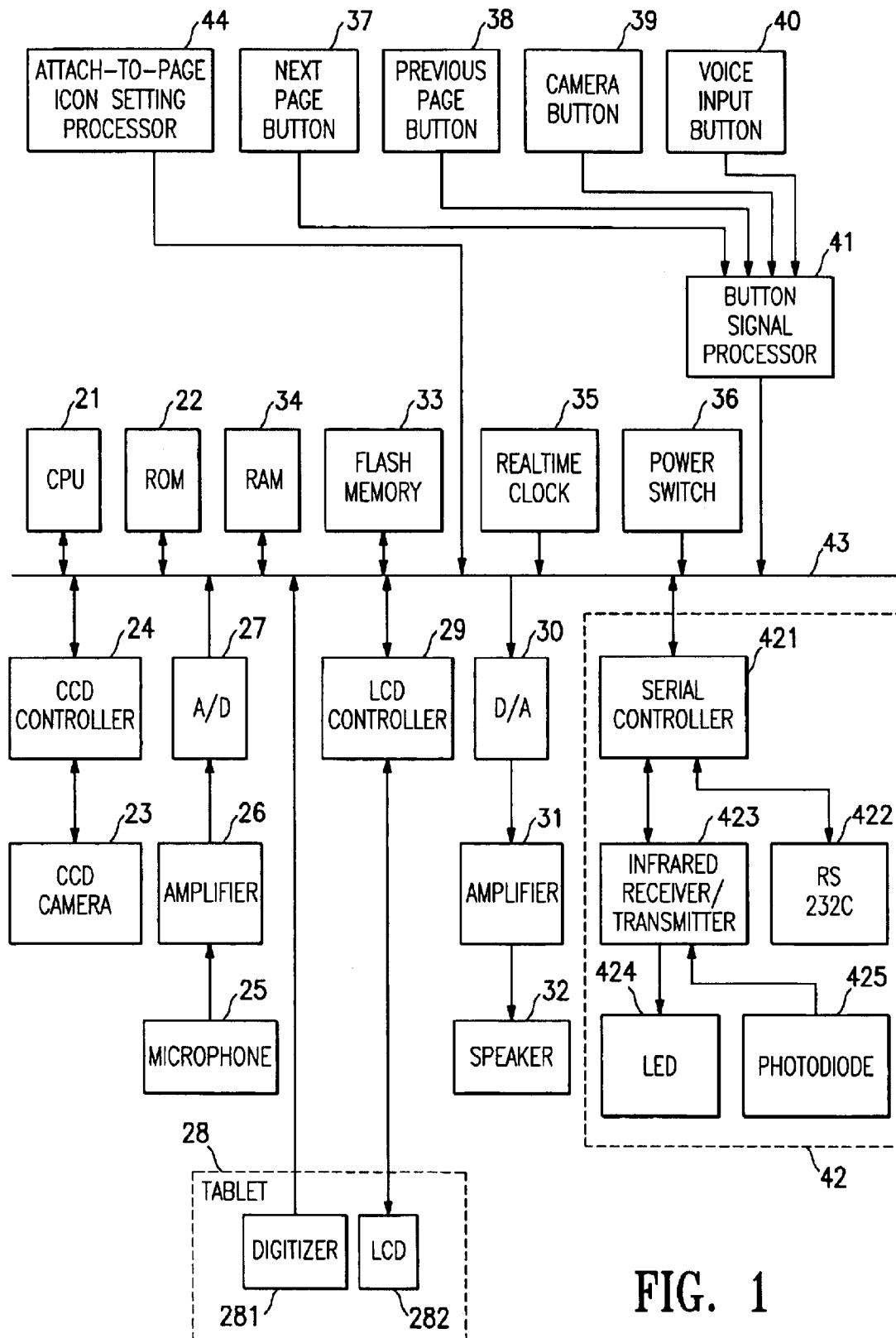


FIG. 1

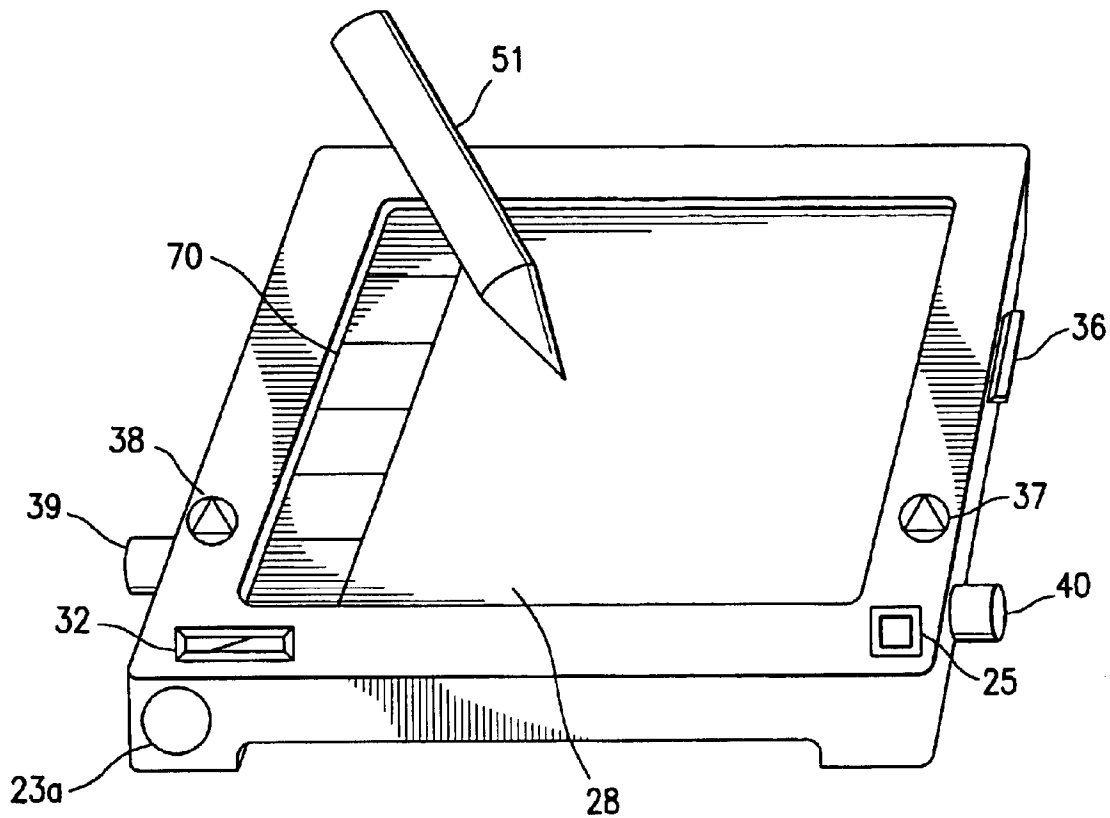


FIG. 2

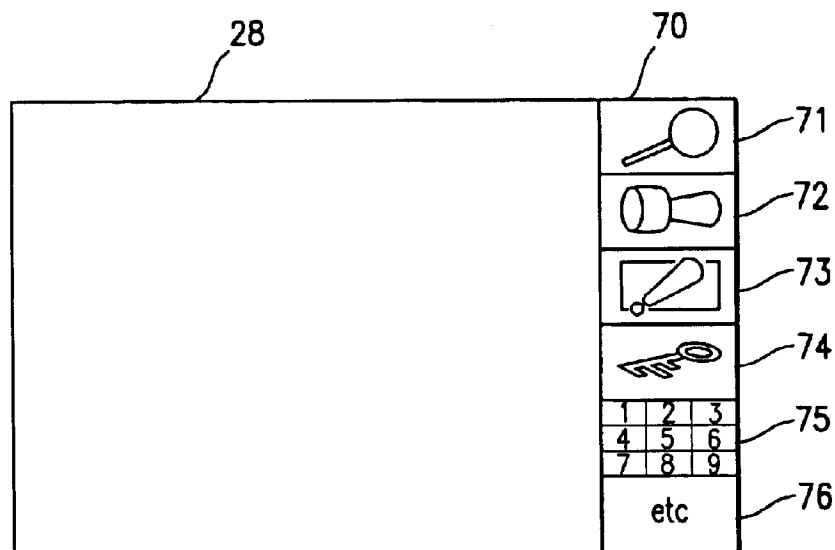


FIG. 3

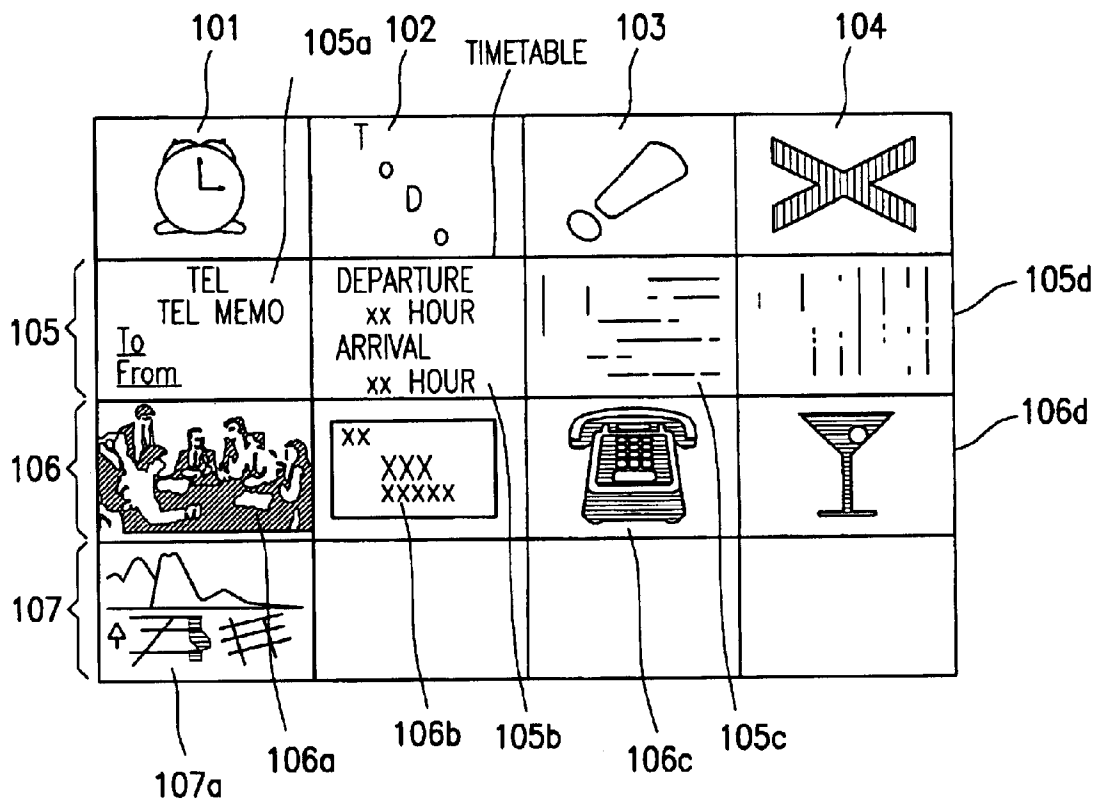


FIG. 4

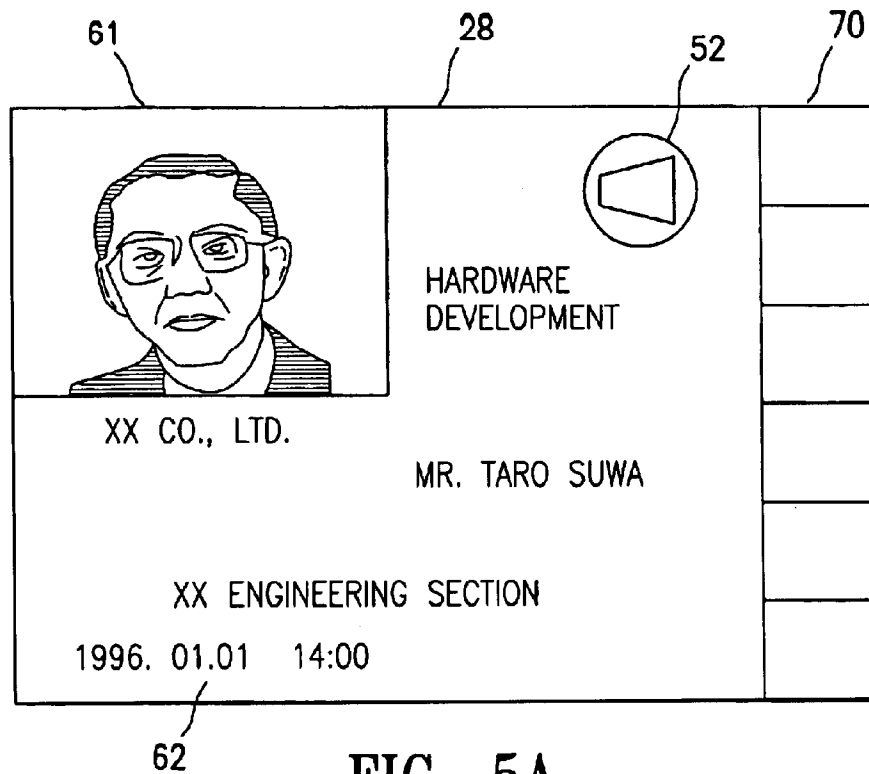


FIG. 5A

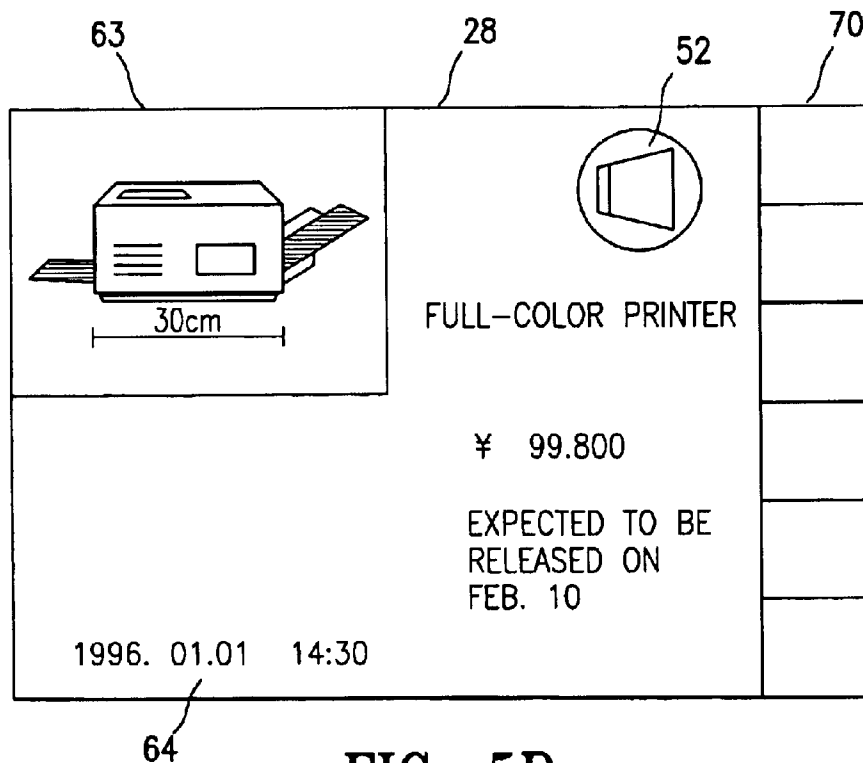


FIG. 5B

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