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**Shanahan**

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(54) **METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES**

(76) Inventor: **Michael E Shanahan**, P.O. Box 381, Nyack, NY (US) 10960

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(52) **U.S. Cl.** ..... **455/567; 455/413; 455/418**

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See application file for complete search history.

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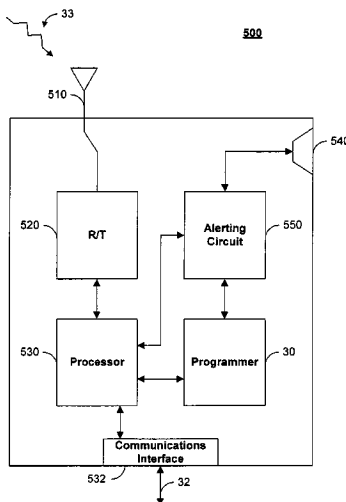
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*Primary Examiner*—Binh K. Tieu  
(74) *Attorney, Agent, or Firm*—Kaliko & Yeager; Scott H. Kaliko

(57) **ABSTRACT**

A device for programming user-defined information into an electronic device is provided. The programmer allows a user to program customized information, such as user-selected audio, video, or Internet access information into his or her programmable device. Such electronic devices include wireless telephones, pagers, and personal digital assistants. The programmer allows a user to, among other things, customize the device to suit his or her particular taste.

**30 Claims, 13 Drawing Sheets**



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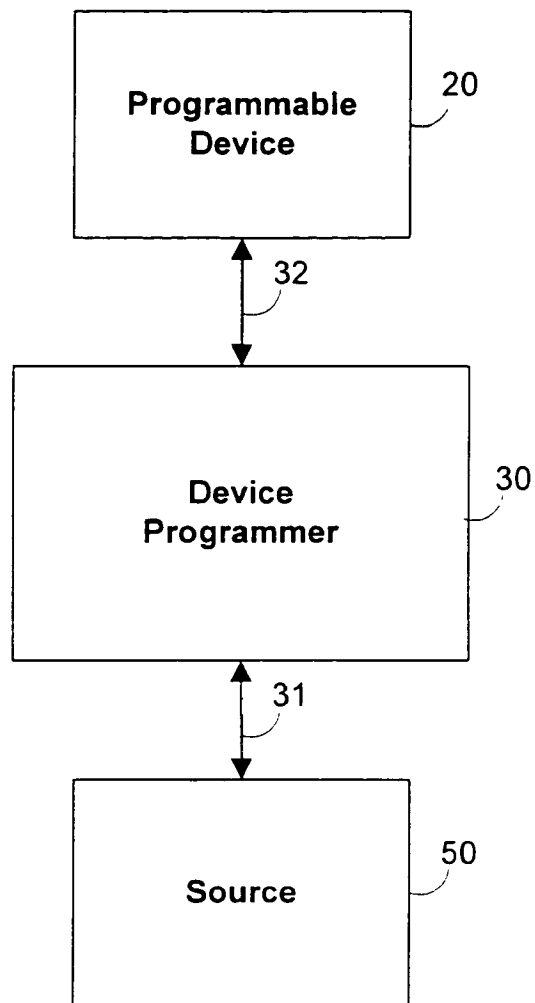


FIG. 1

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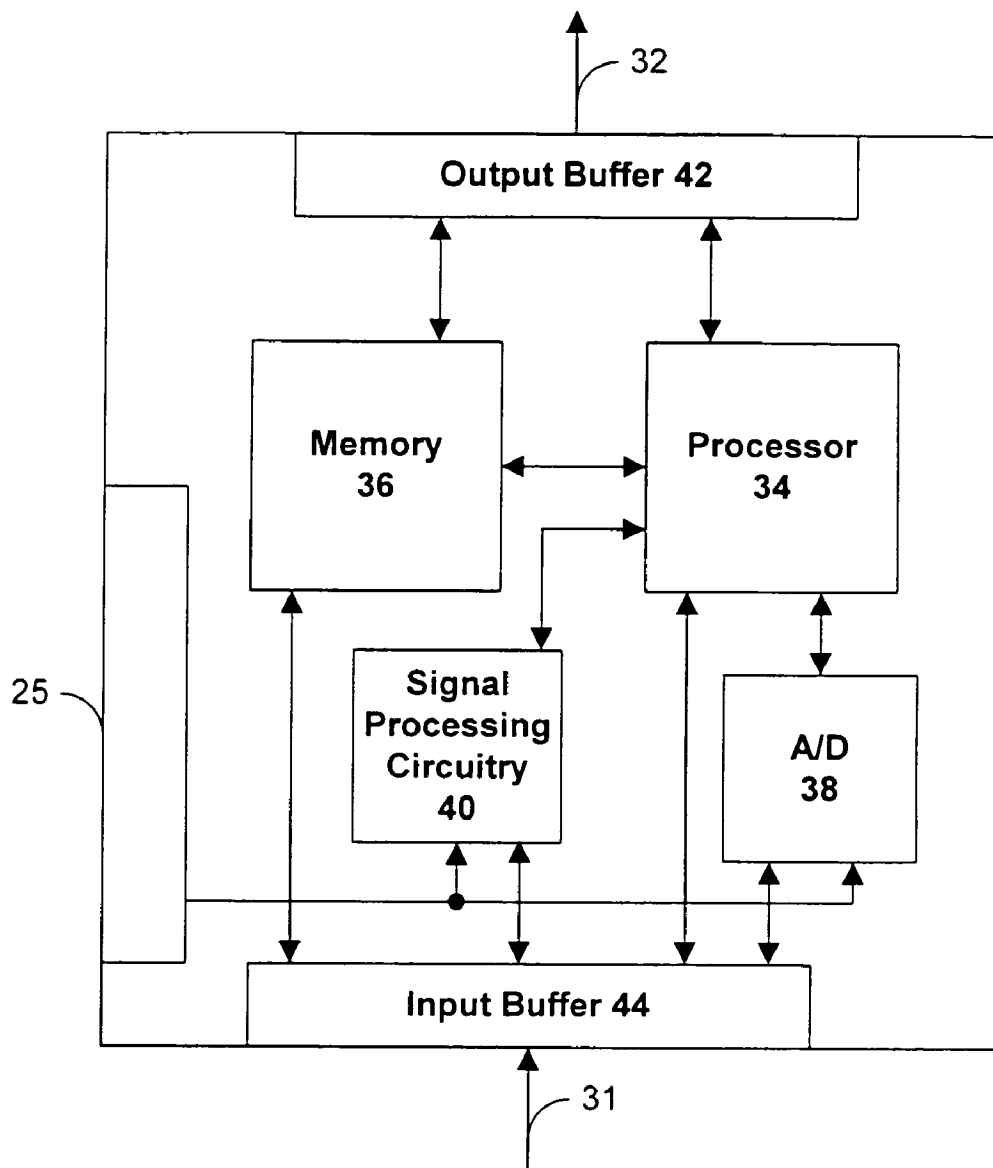


FIG. 2

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