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Shanahan

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

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(51) **Int. Cl.**
H04M 3/00 (2006.01)

(52) **U.S. Cl.** **455/418**; 455/412.1; 455/414.1

(58) **Field of Classification Search** 455/418, 455/413, 414.1, 412, 1, 419, 420, 424, 425; 379/67.1, 68, 88.01, 88.02

See application file for complete search history.

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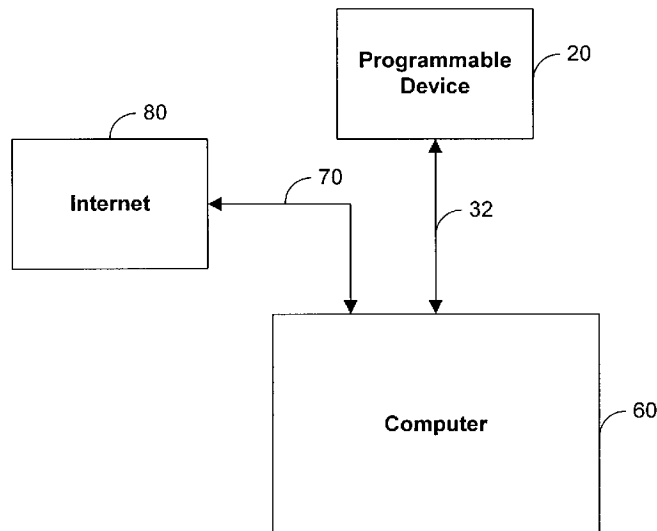
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(57) **ABSTRACT**

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.

46 Claims, 13 Drawing Sheets



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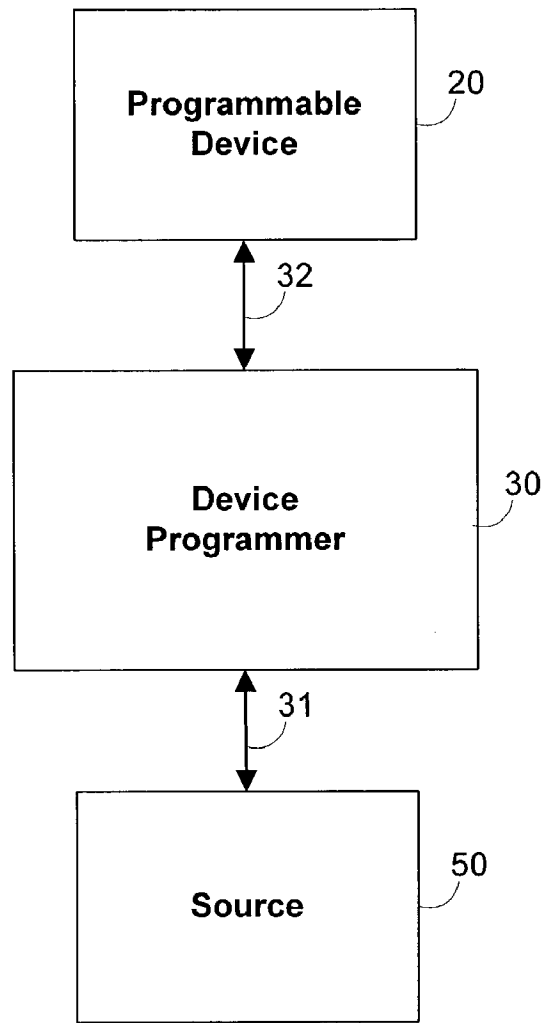


FIG. 1

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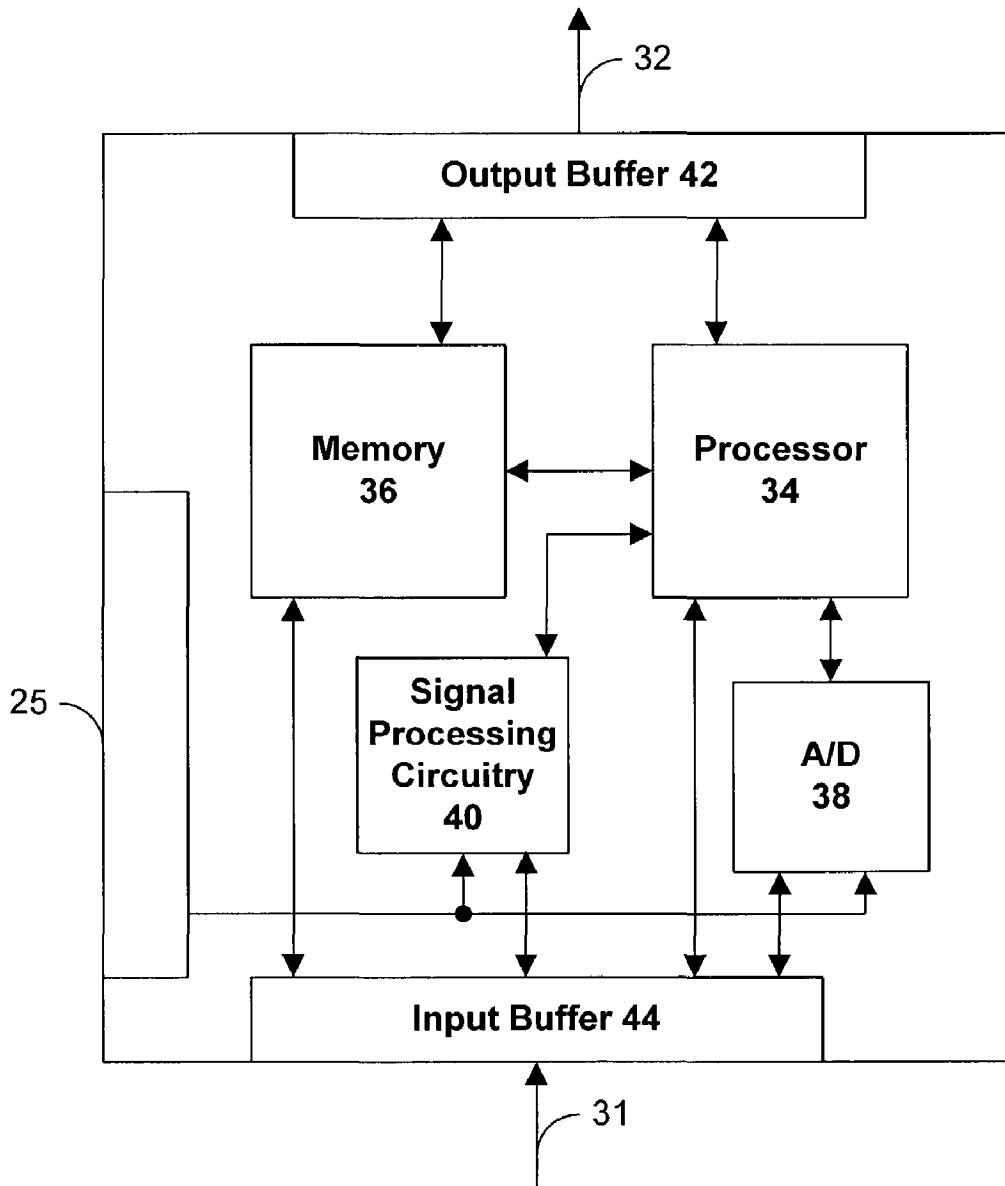


FIG. 2

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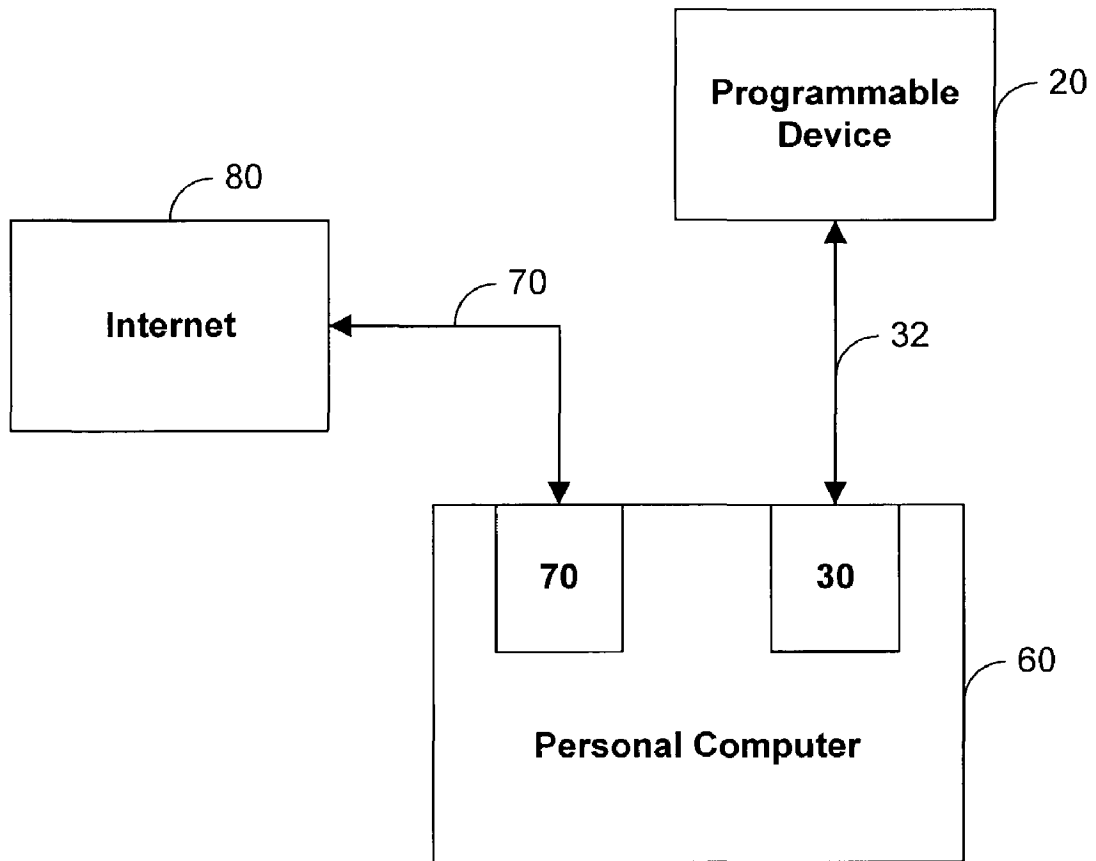


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