

- (54) **METHODS AND APPARATUSES FOR PROGRAMMING USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES**
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- (51) **Int. Cl.<sup>7</sup>** ..... **H04M 3/00**
- (52) **U.S. Cl.** ..... **455/418; 455/413**
- (58) **Field of Search** ..... 453/418, 414, 453/419, 420, 424, 425, 413, 567; 379/67, 815, 88.02

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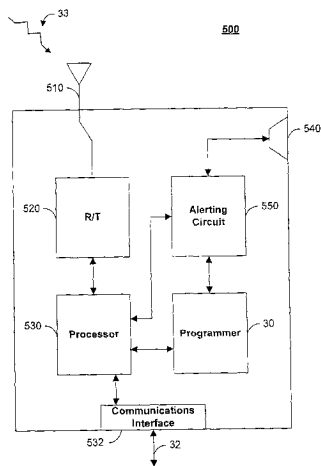
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PCT Written Opinion.

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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.

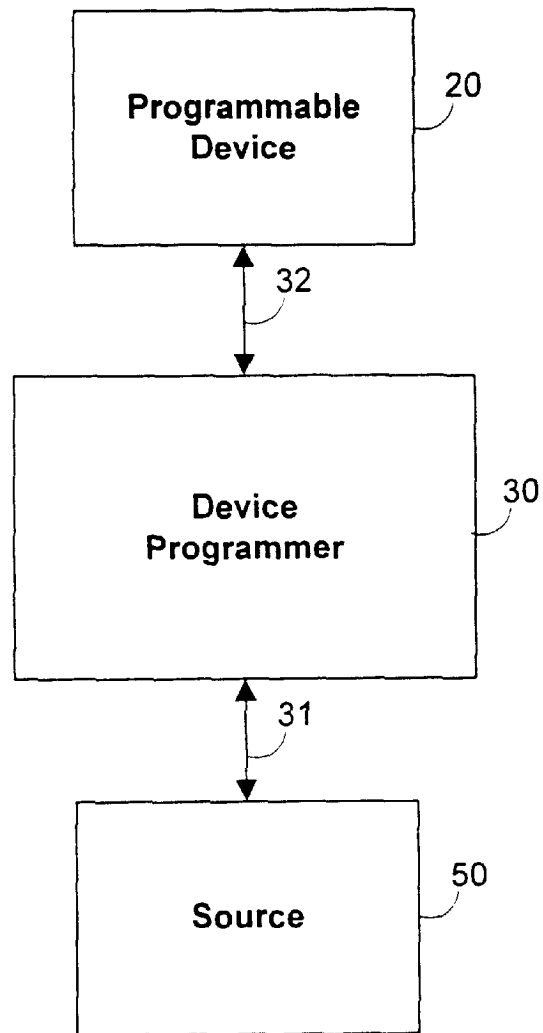
**9 Claims, 13 Drawing Sheets**



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**FIG. 1**

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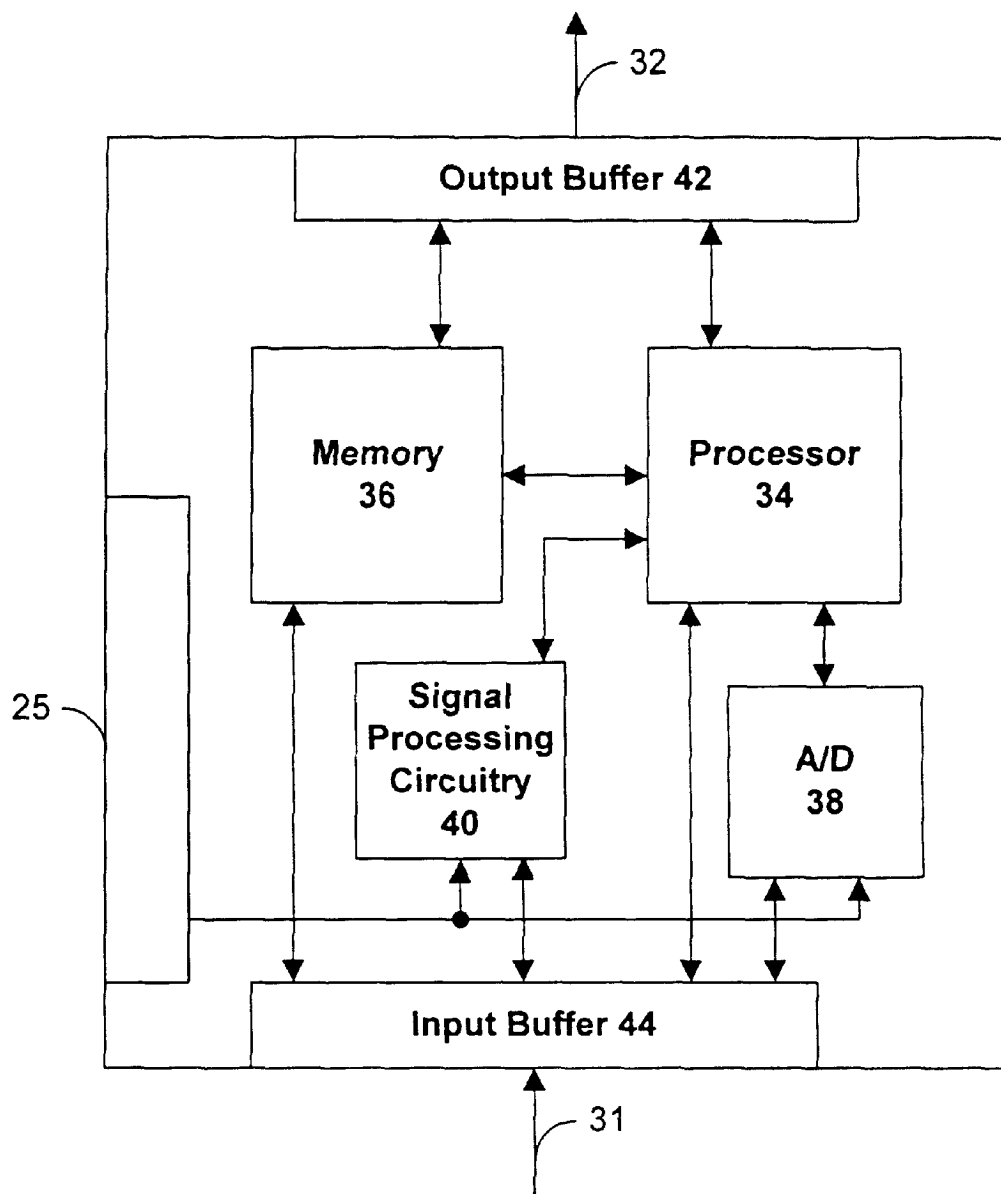
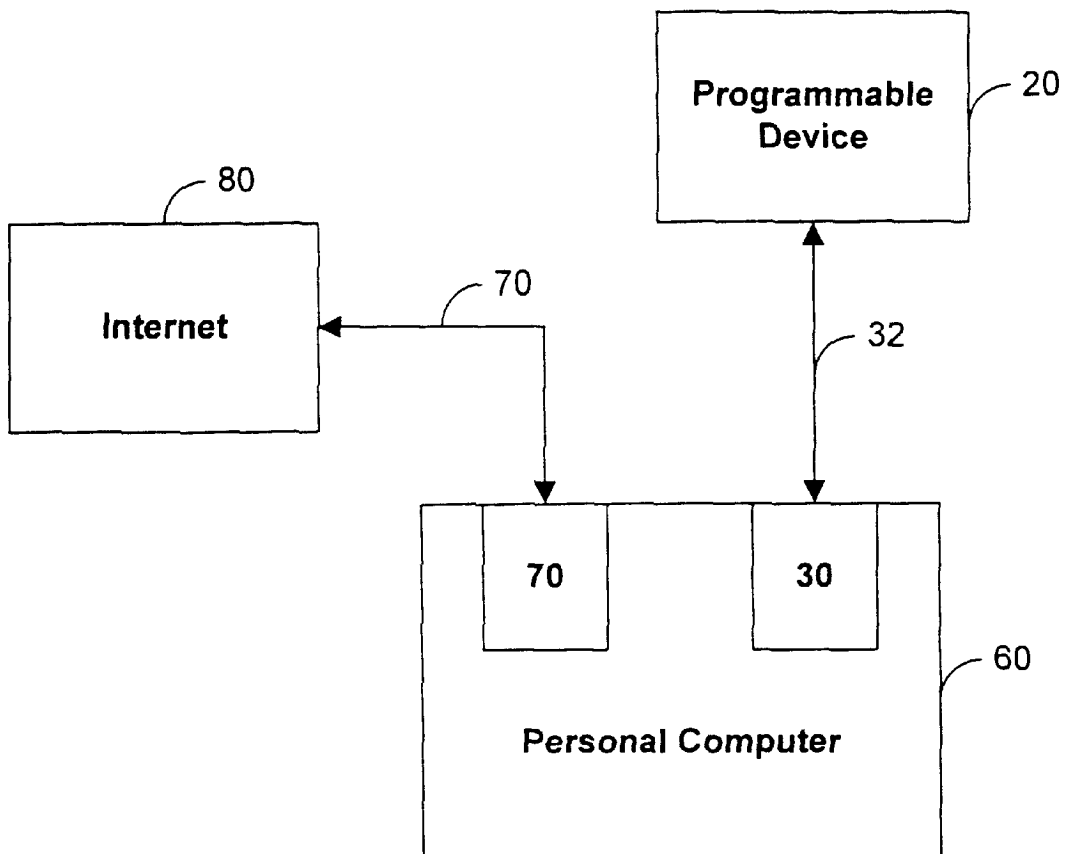


FIG. 2

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**FIG. 3**

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