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Danciu et al.

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(54) **NETWORK-BASED REMOTE CONTROL**

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G06F 15/177 (2006.01)
H04L 12/28 (2006.01)
H04L 29/12 (2006.01)

(52) **U.S. Cl.**
CPC **H04L 12/2818** (2013.01); **H04L 29/1233** (2013.01)

(58) **Field of Classification Search**
USPC 340/12.22, 12.23
See application file for complete search history.

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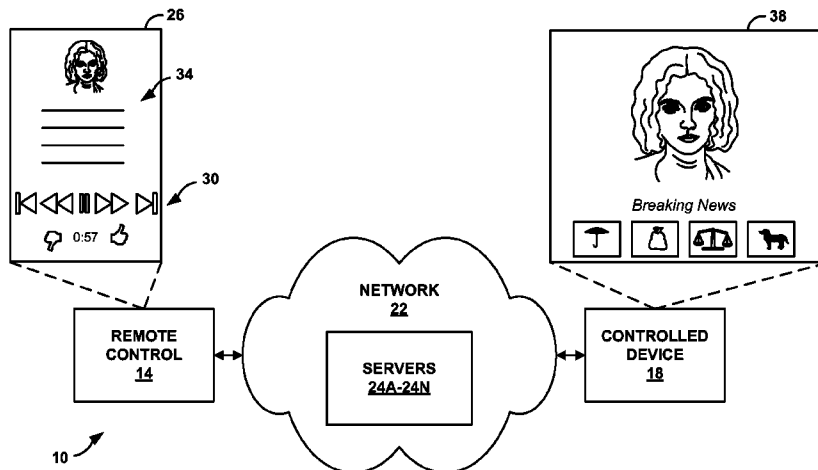
(Continued)

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(57) **ABSTRACT**

The subject matter of the present disclosure can be implemented in, among other things a computer-readable storage medium encoded with instructions for causing a programmable processor to receive, by a server, a first message from a remote control that is distinct from and external to the server, wherein the first message includes a remote control identifier and control information for controlling one or more functions of at least one device other than the remote control. The instructions also cause the programmable processor to retrieve, by the server, a controlled device identifier that uniquely identifies a controlled device that is distinct from and external to the server. The instructions also cause the programmable processor to send a second message from the server to the controlled device identified by the controlled device identifier to control an operation of the controlled device.

18 Claims, 7 Drawing Sheets



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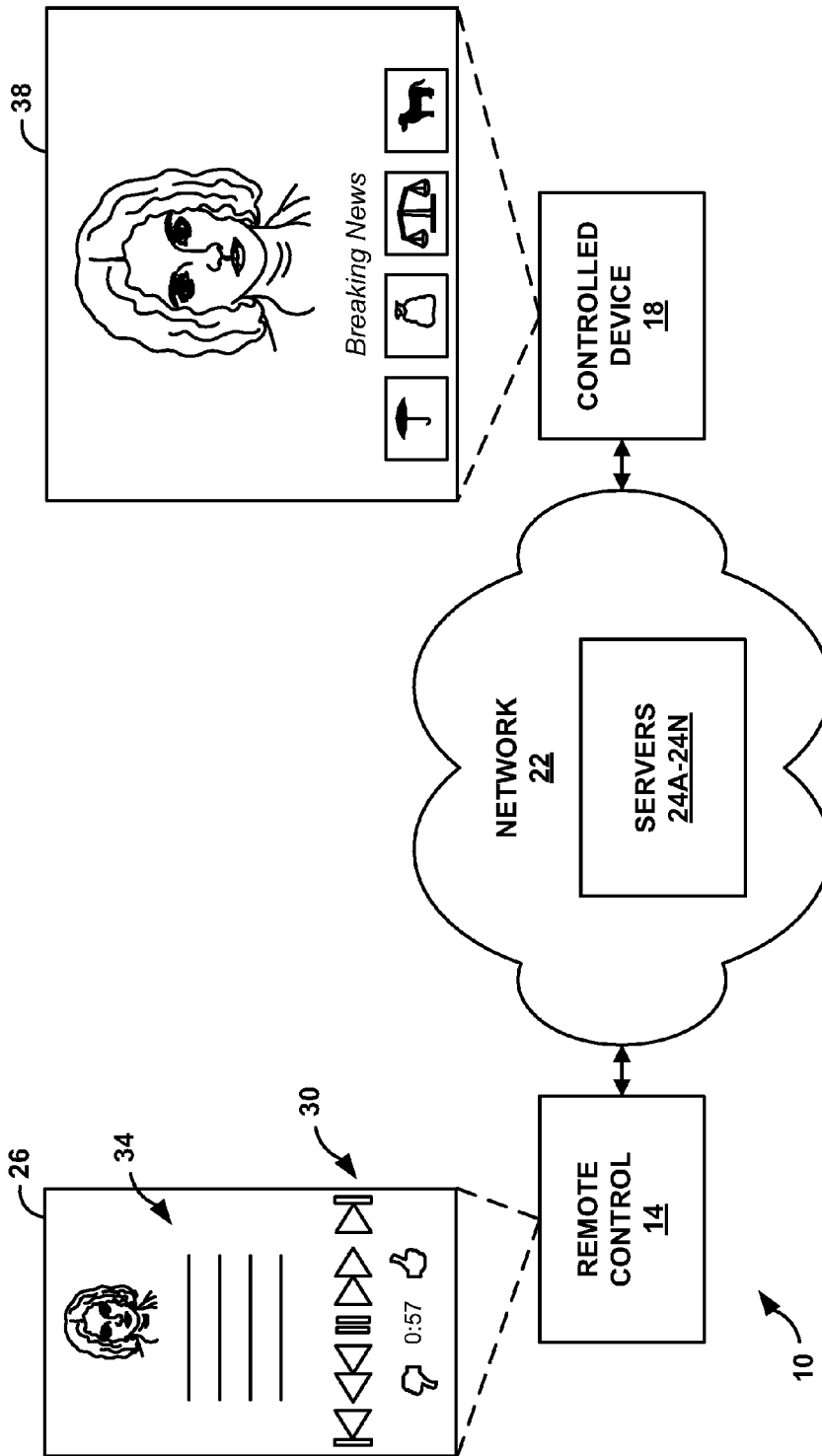


FIG. 1

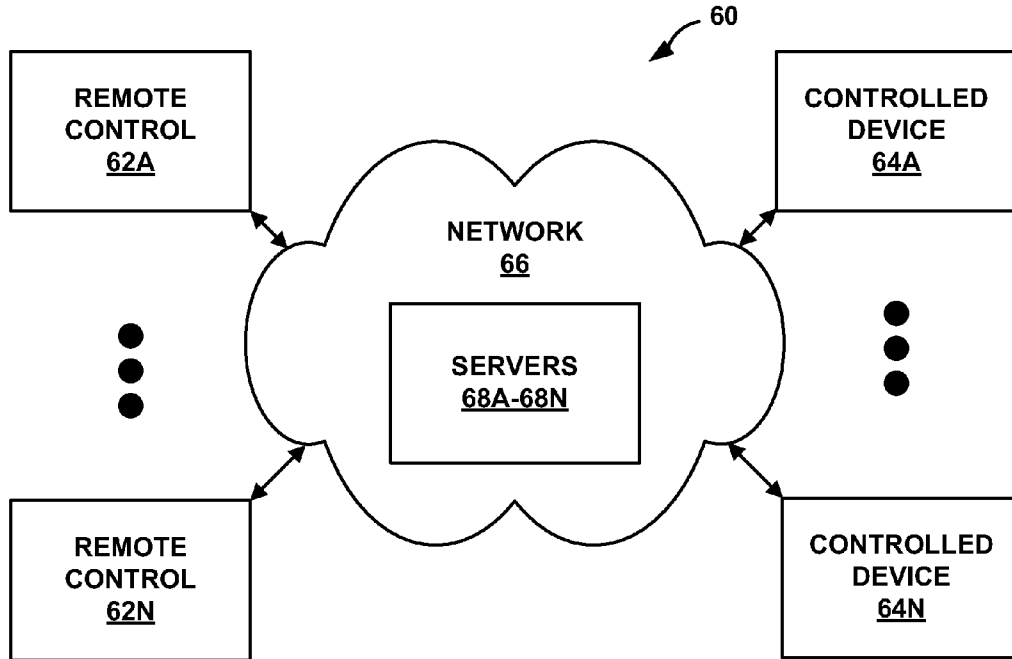


FIG. 2

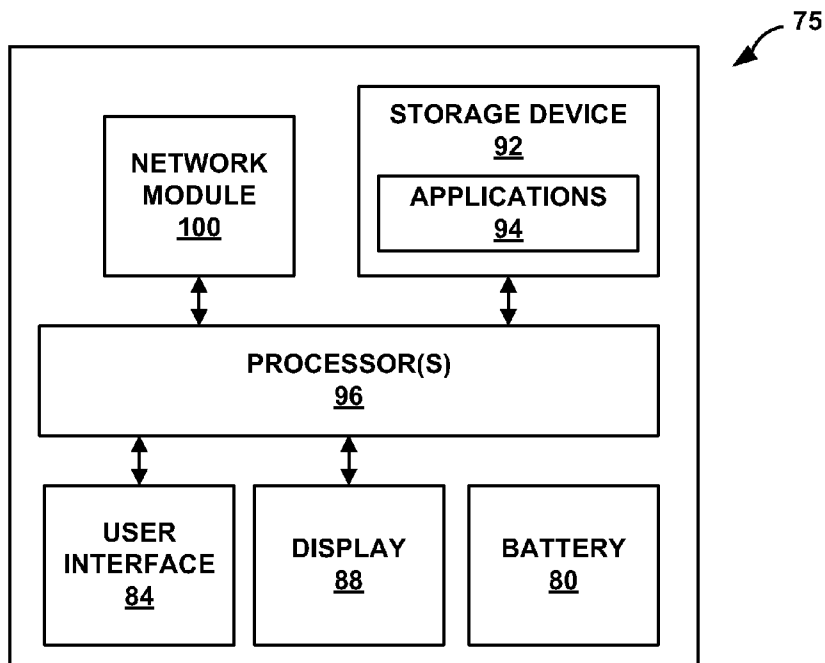


FIG. 3

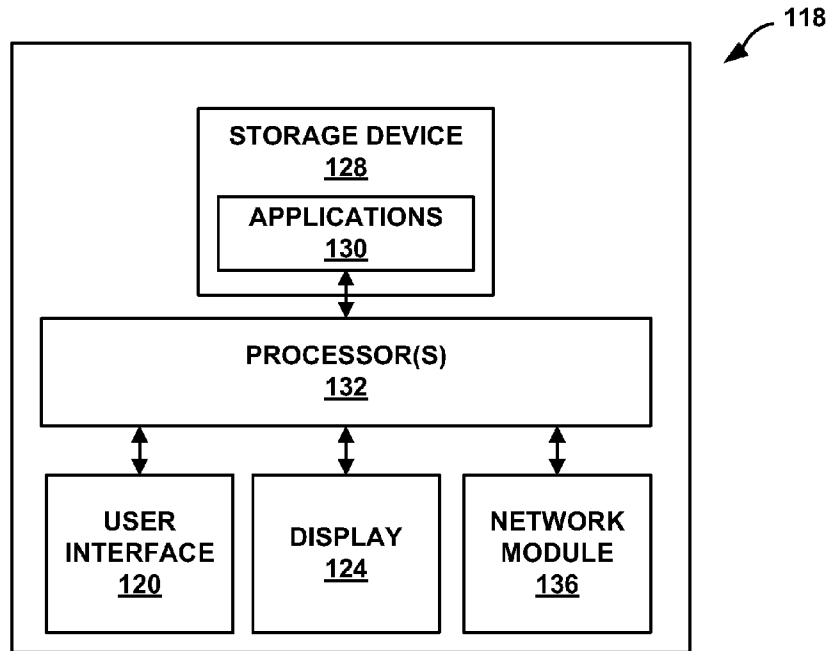


FIG. 4

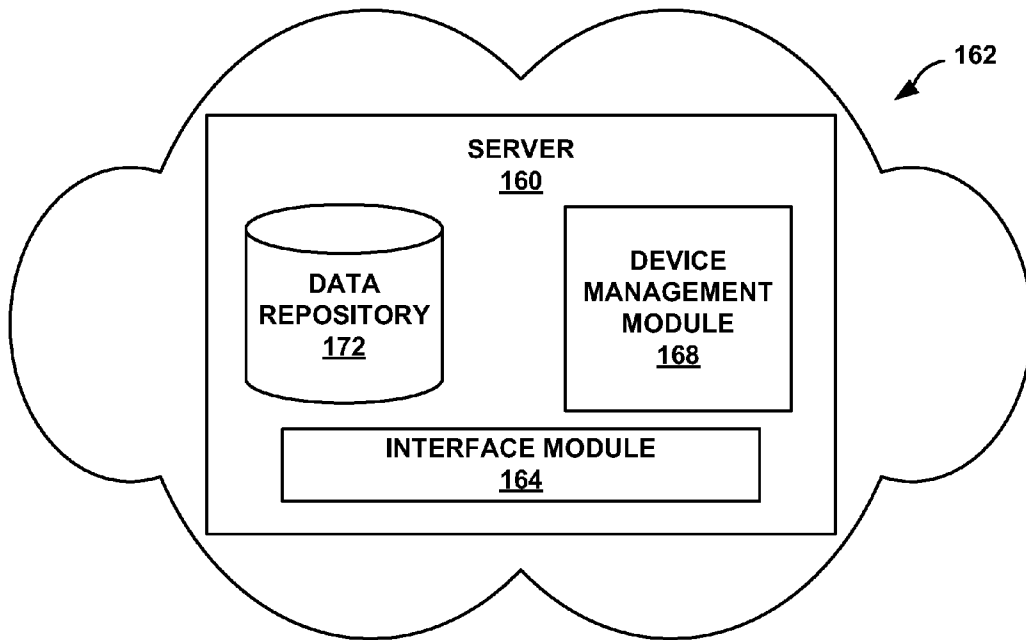


FIG. 5

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