

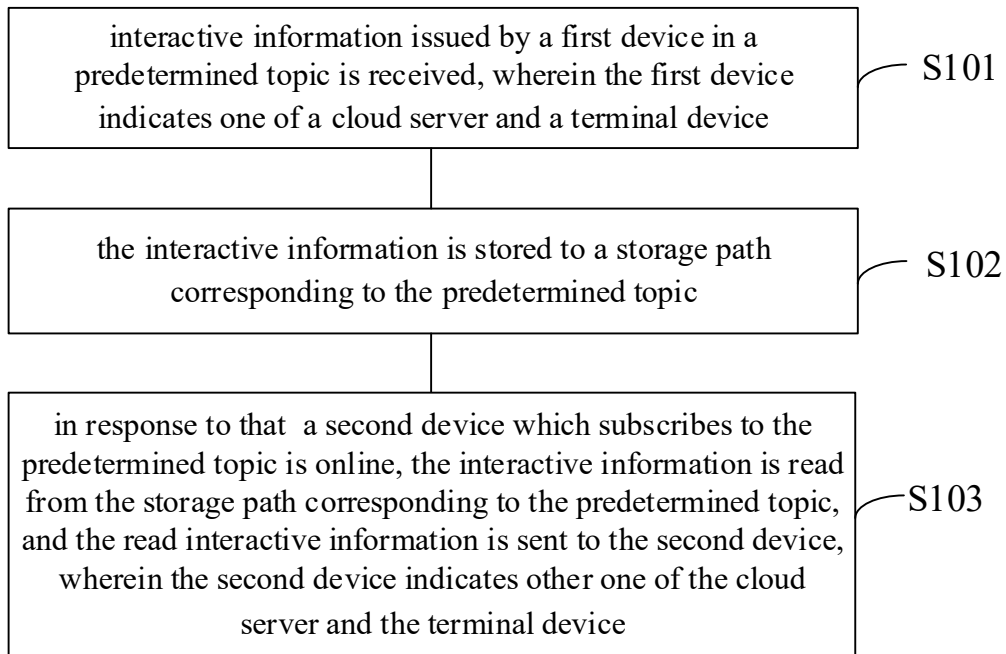


FIG. 1

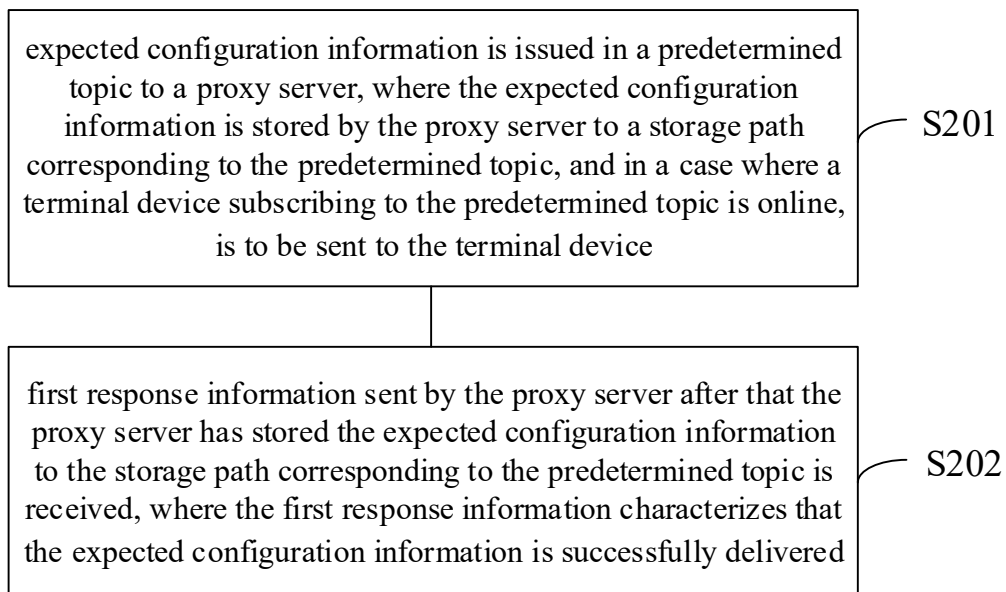


FIG. 2

expected configuration information sent by a proxy server is received, where the expected configuration information is issued in a first topic by a cloud server, and the expected configuration information is stored by the proxy server to a storage path corresponding to the first topic, and is to be sent in response to a terminal device subscribing to the first topic is online

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second response information is issued in a second topic to the proxy server, where the second response information characterizes a response to the received expected configuration information, and the second response information is stored by the proxy server to a storage path corresponding to the second topic, and is to be sent to the cloud server in response to the cloud server subscribing to the second topic is online

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FIG. 3

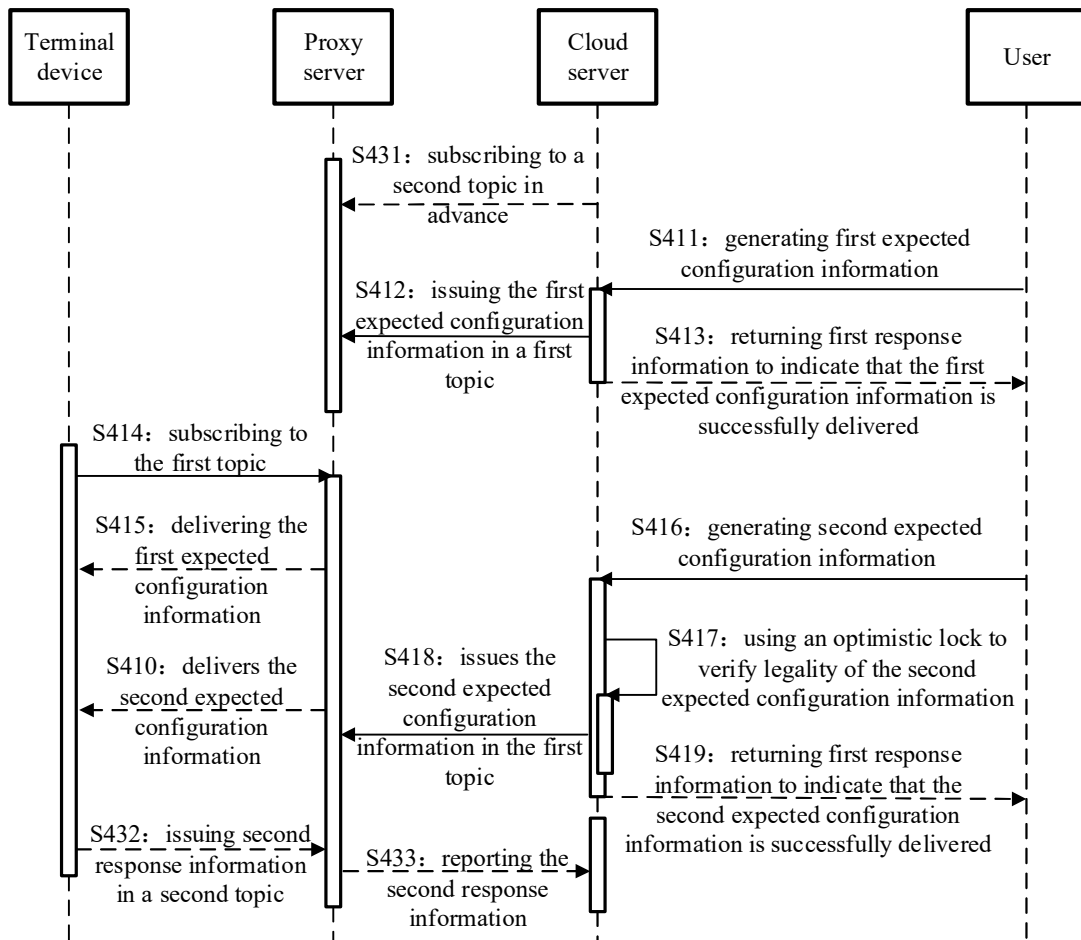


FIG. 4A

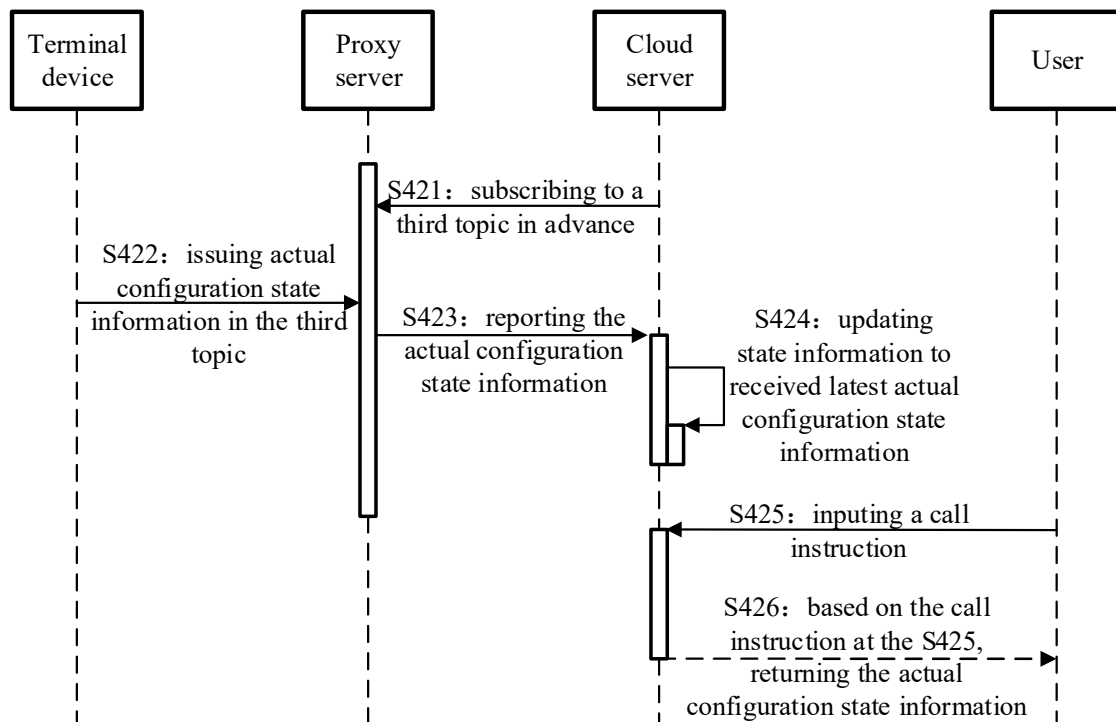


FIG. 4B

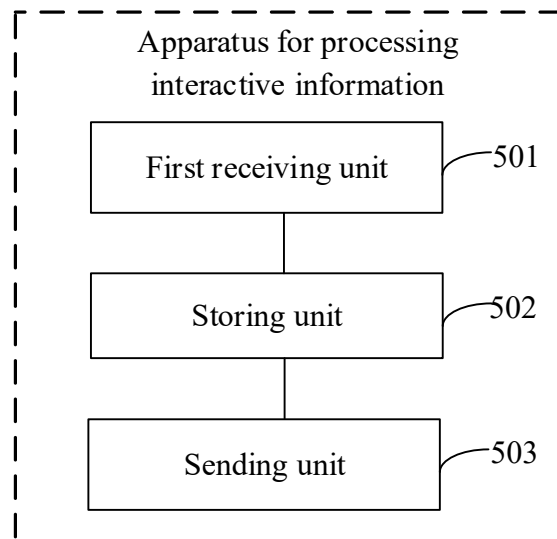


FIG. 5

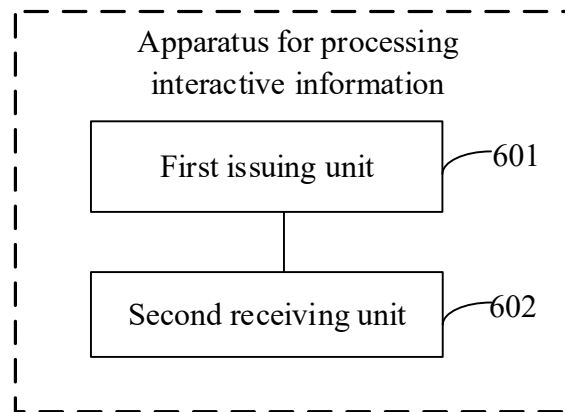


FIG. 6

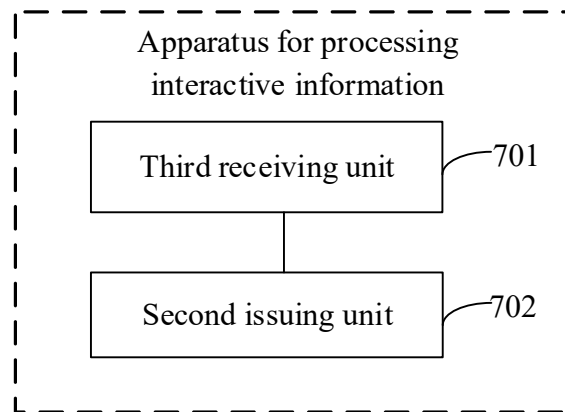


FIG. 7

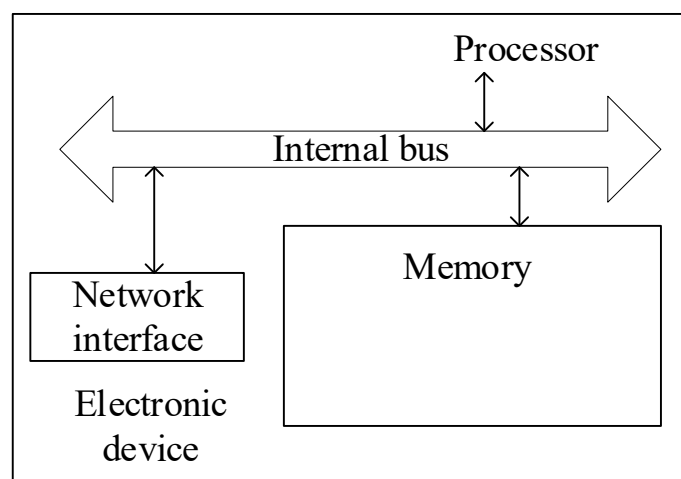


FIG. 8