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Yiu et al.

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(54) **METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLING RELEASE OF PRIVATE INFORMATION OVER A NETWORK FROM A WIRELESS DEVICE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 689 days.

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(65) **Prior Publication Data**

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Related U.S. Application Data

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(51) **Int. Cl.**⁷ **H04Q 7/20**

(52) **U.S. Cl.** **455/456.1; 455/426.1; 455/404.2**

(58) **Field of Search** 455/426.1, 456.1, 455/456.3, 432.1, 414.3, 404.2, 440, 457, 414.2

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Primary Examiner—Marsha D. Banks-Harold

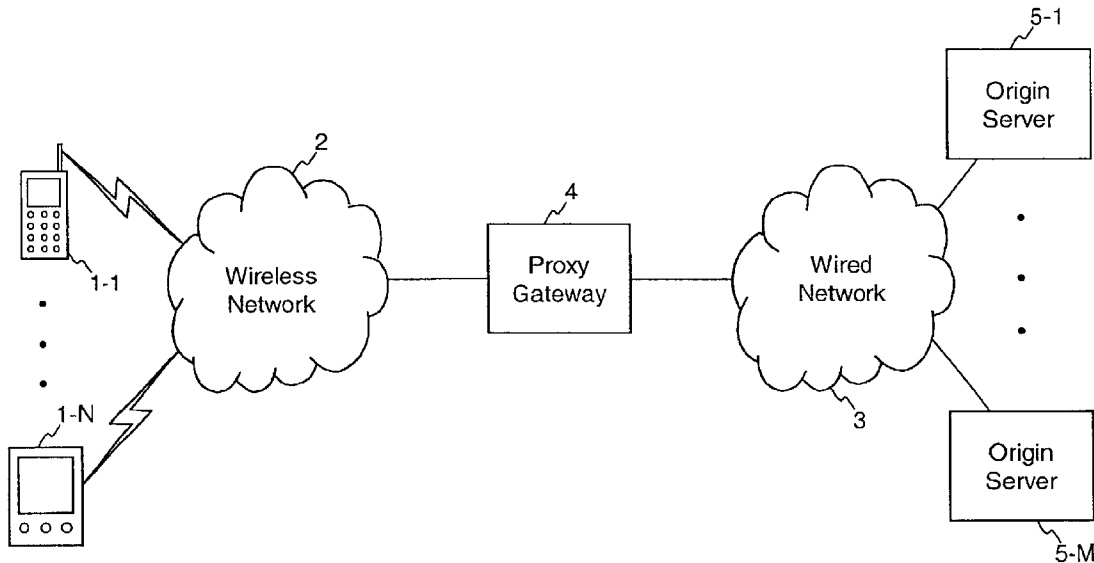
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(57) **ABSTRACT**

A proxy gateway is coupled to one or more wireless handheld devices over a wireless network and to one or more origin servers over a wired network. The proxy gateway proxies requests and responses between the wireless devices and the origin servers. The proxy gateway determines when private information associated with a wireless device is needed or requested by another network entity, such as an origin server. In response to such determination, the proxy gateway communicates with the wireless device to enable the wireless device to present a user interface which allows a user of the wireless device to dynamically control release of the private information.

24 Claims, 8 Drawing Sheets



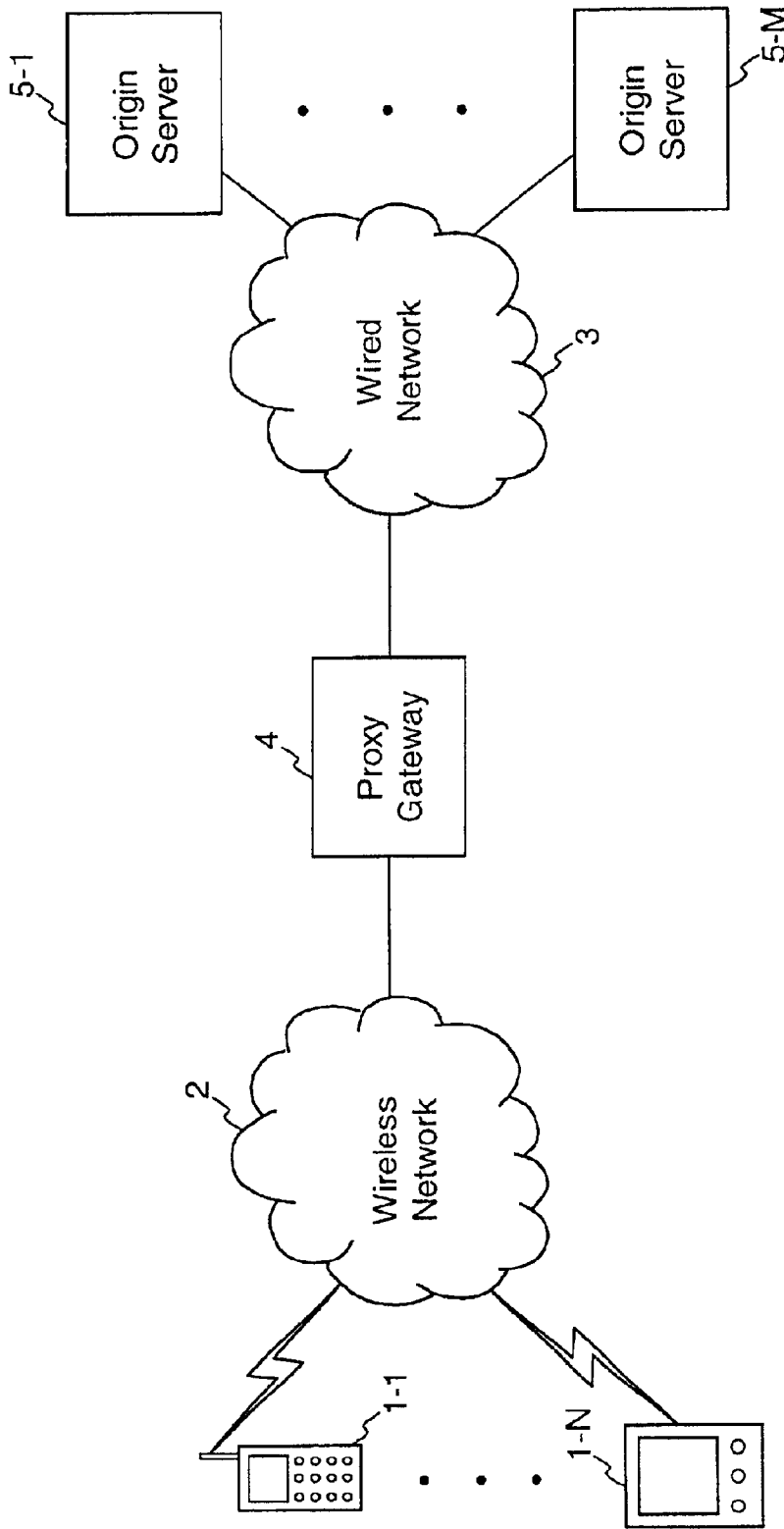


FIG. 1

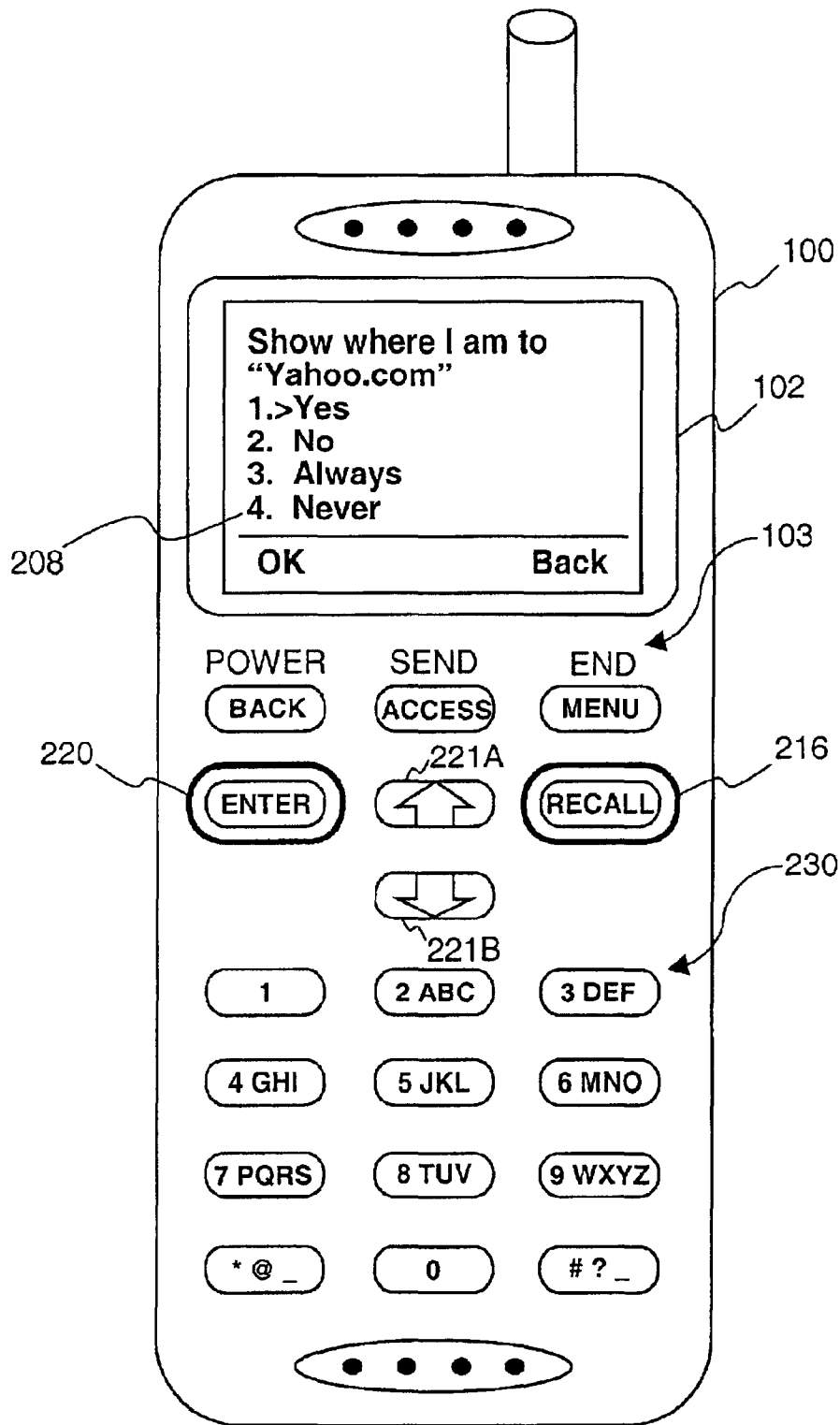


FIG. 2

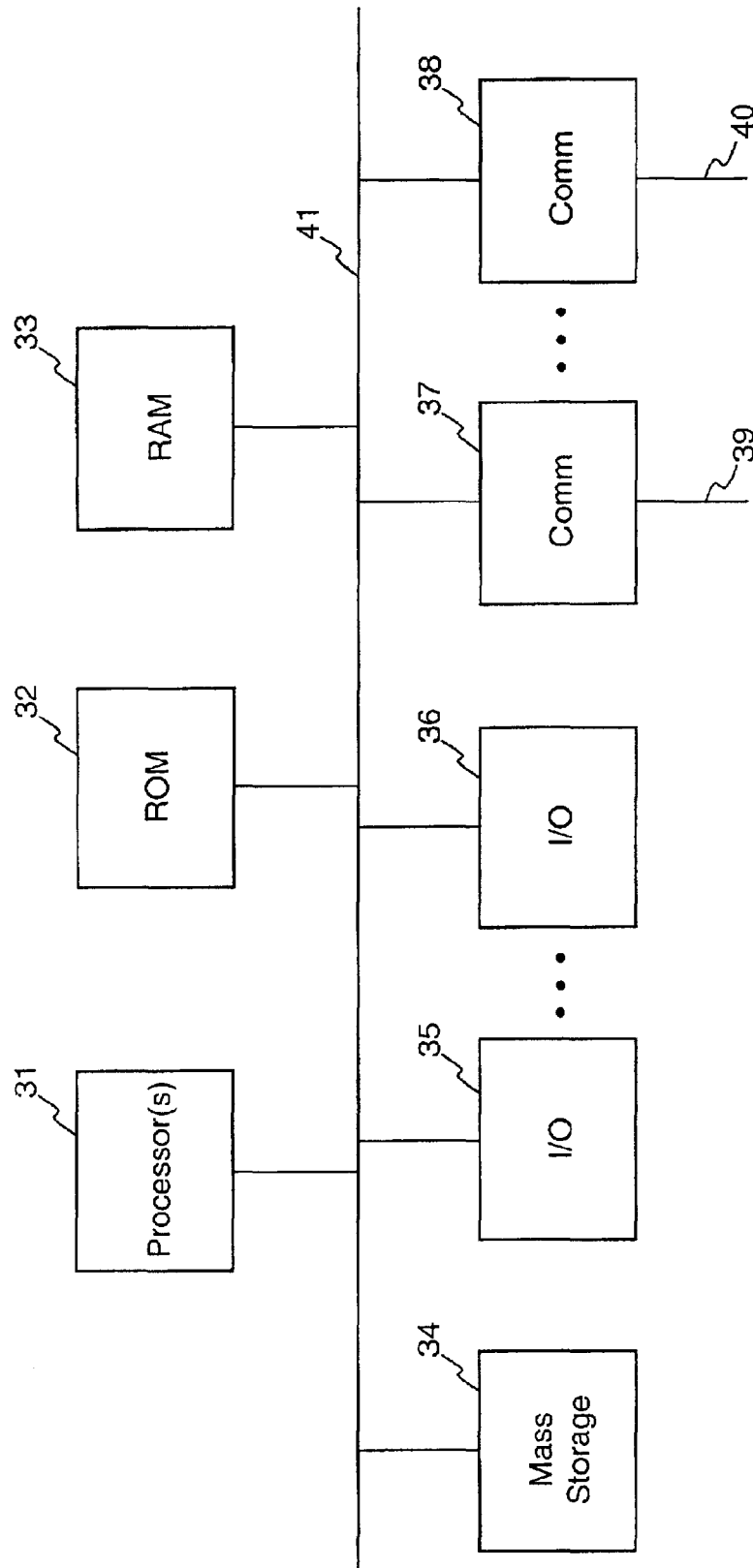


FIG. 3

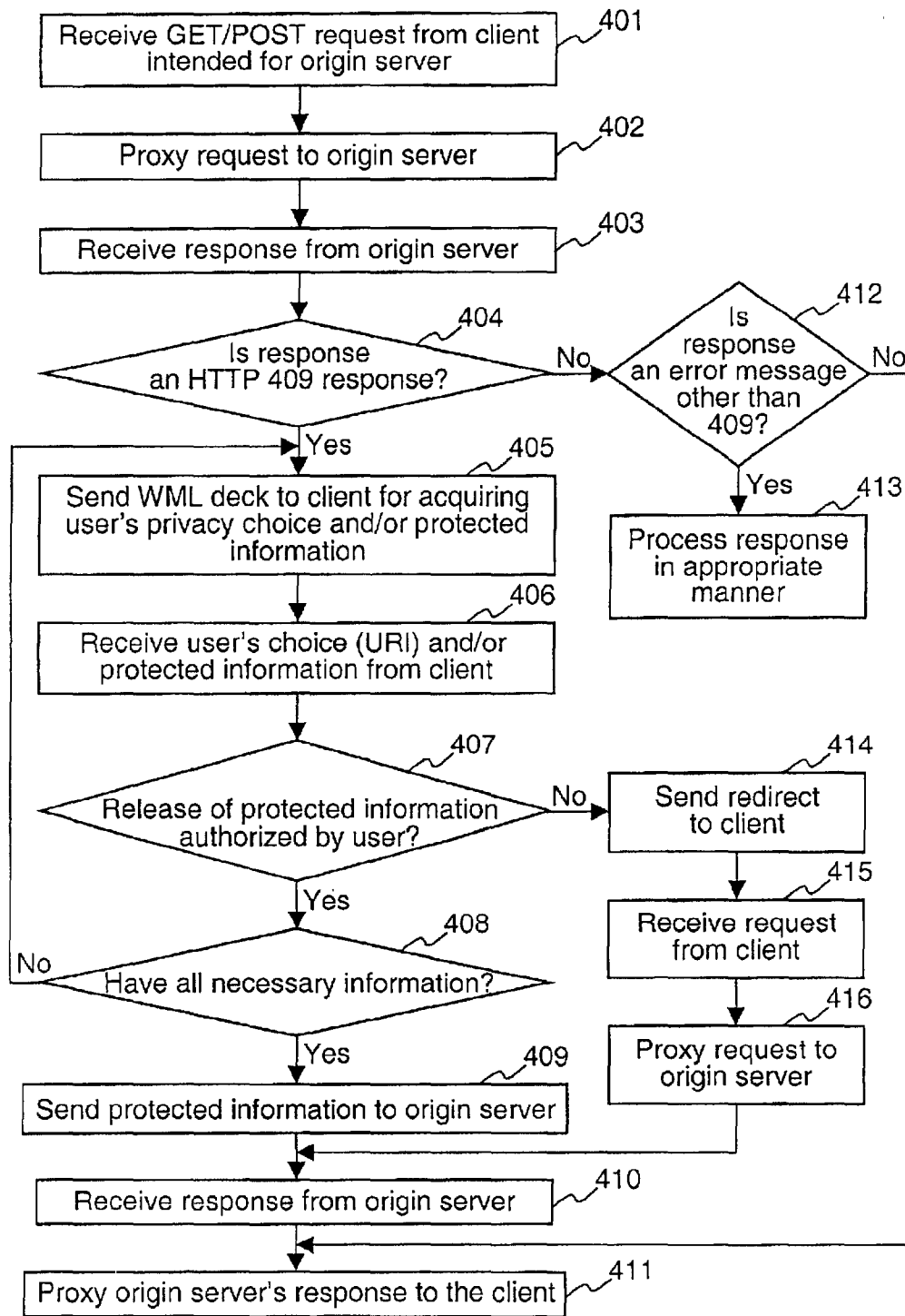


FIG. 4

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