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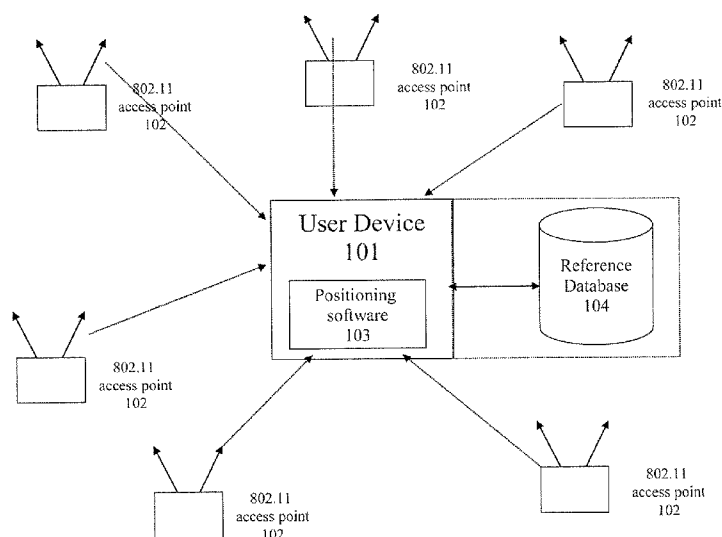
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(54) Title: SYSTEM AND METHOD FOR ESTIMATING POSITIONING ERROR WITHIN A WLAN-BASED POSITIONING SYSTEM



(57) Abstract: The invention features a method of estimating an expected error of a position estimate for use in a WLAN positioning system that estimates the position of a WLAN-enabled device. The WLAN-enabled device receives signals transmitted by a WLAN access point in range of the WLAN-enabled device. The method estimates the position of the WLAN-enabled device based on the received signals from the WLAN access point in range of the WLAN-enabled device. The method also estimates an expected error of the position estimate based on characteristics of the WLAN access point in range of the WLAN-enabled device, wherein the expected error predicts a relative accuracy of the position estimate.

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