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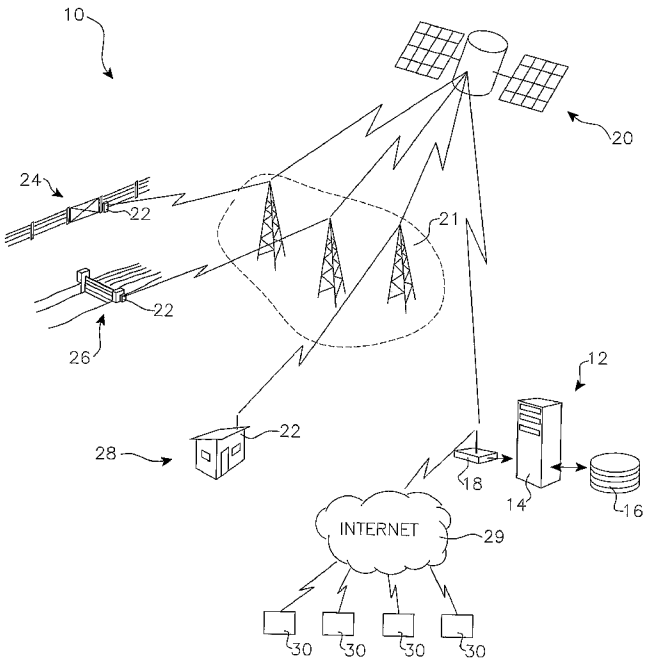
(54) **Title:** MONITORING APPARATUS AND SYSTEM



(57) **Abstract:** A monitoring system for response to incidents sensed by at least one sensor of an individual signal unit; said response comprising in a first instance, transmission to a central control facility by a said individual signal unit, of at least a unique identifying code for that individual signal unit, over a communication network; said response comprising in a second instance, transmission of data from said central control facility to one or more recipients nominated by a registered owner of said individual signal unit; and wherein registration of a said individual signal unit and configuration of sensing and of said response is via a web-based interface. The monitoring system of claim 1 wherein said response in said first instance includes digital or analogue data input to said individual signal unit. In a further form there is disclosed a method of monitoring the status of an item of interest; said method including the steps of: (i) purchase by an owner of an individual signal unit and at least one user selectable sensor for connection to said device, (j) registering said individual signal unit and said at least one sensor with a central control facility, (k) configuring a response executable by said central control facility on receipt by said facility of a signal transmitted by said individual signal unit.

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— *with amended claims*

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