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(54) **SYSTEMS AND METHODS FOR PROVIDING INTEROPERABILITY AMONG HEALTHCARE DEVICES**

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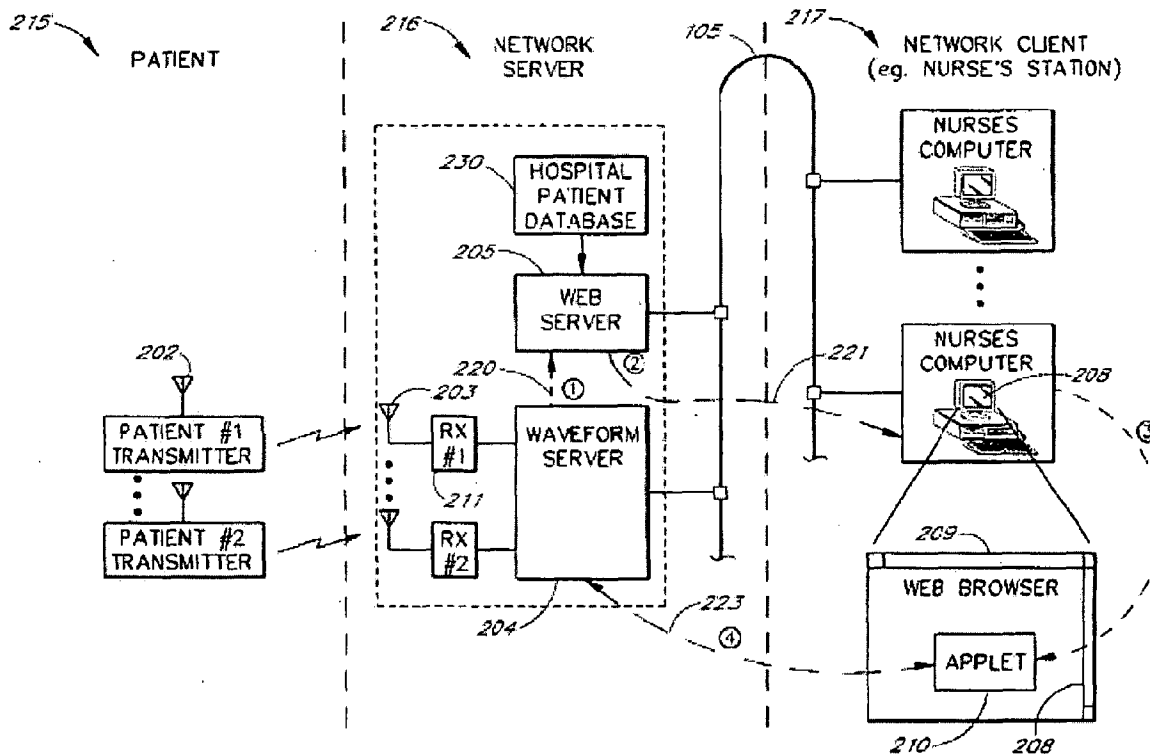
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(57) **ABSTRACT**

A medical system includes a network; one or more medical data collection appliances coupled to the network, each appliance transmitting data conforming to an interoperable format; and a server coupled to the network to store data for each individual in accordance with the interoperable format.



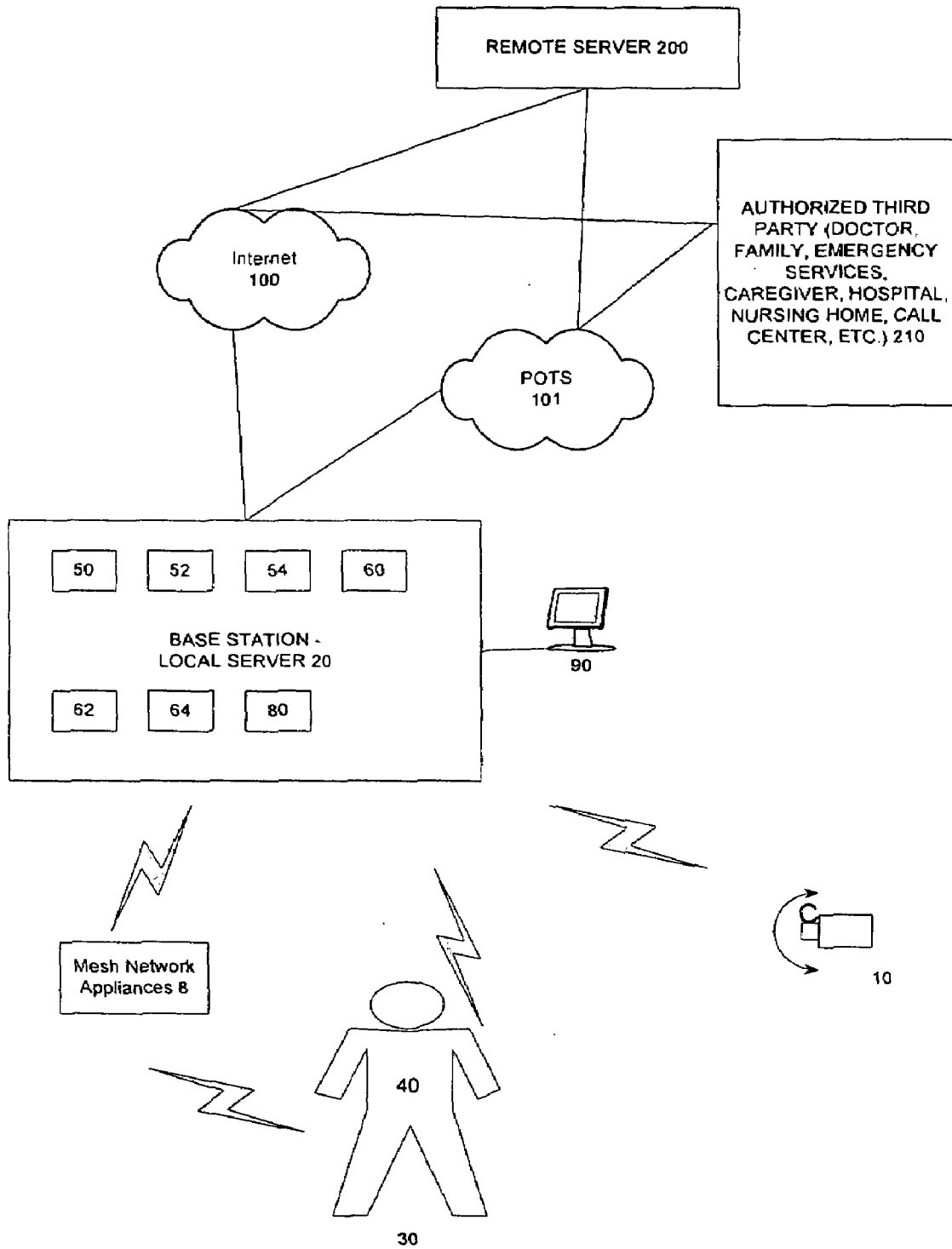


FIG. 1

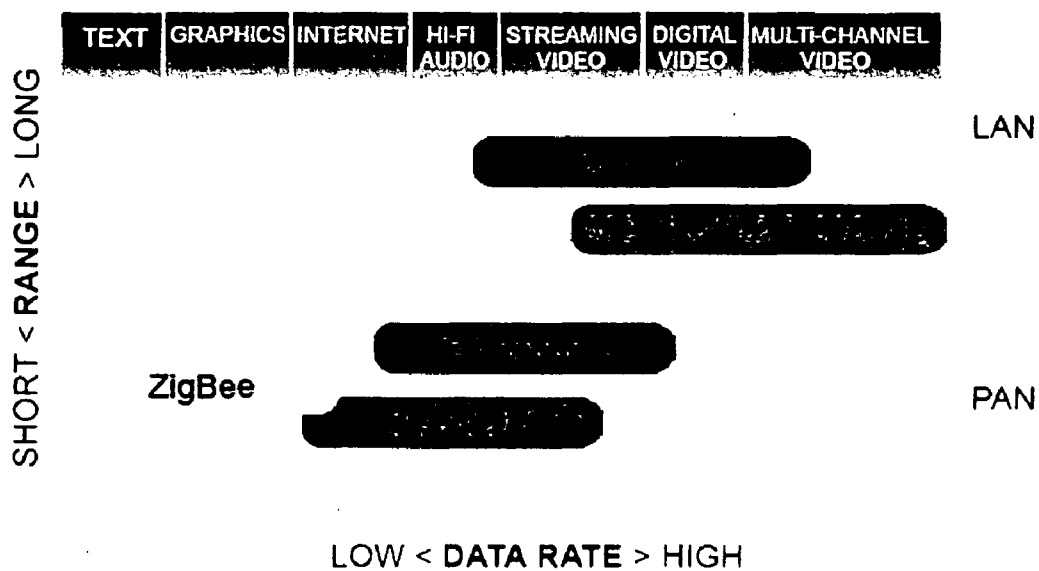


FIG. 1B

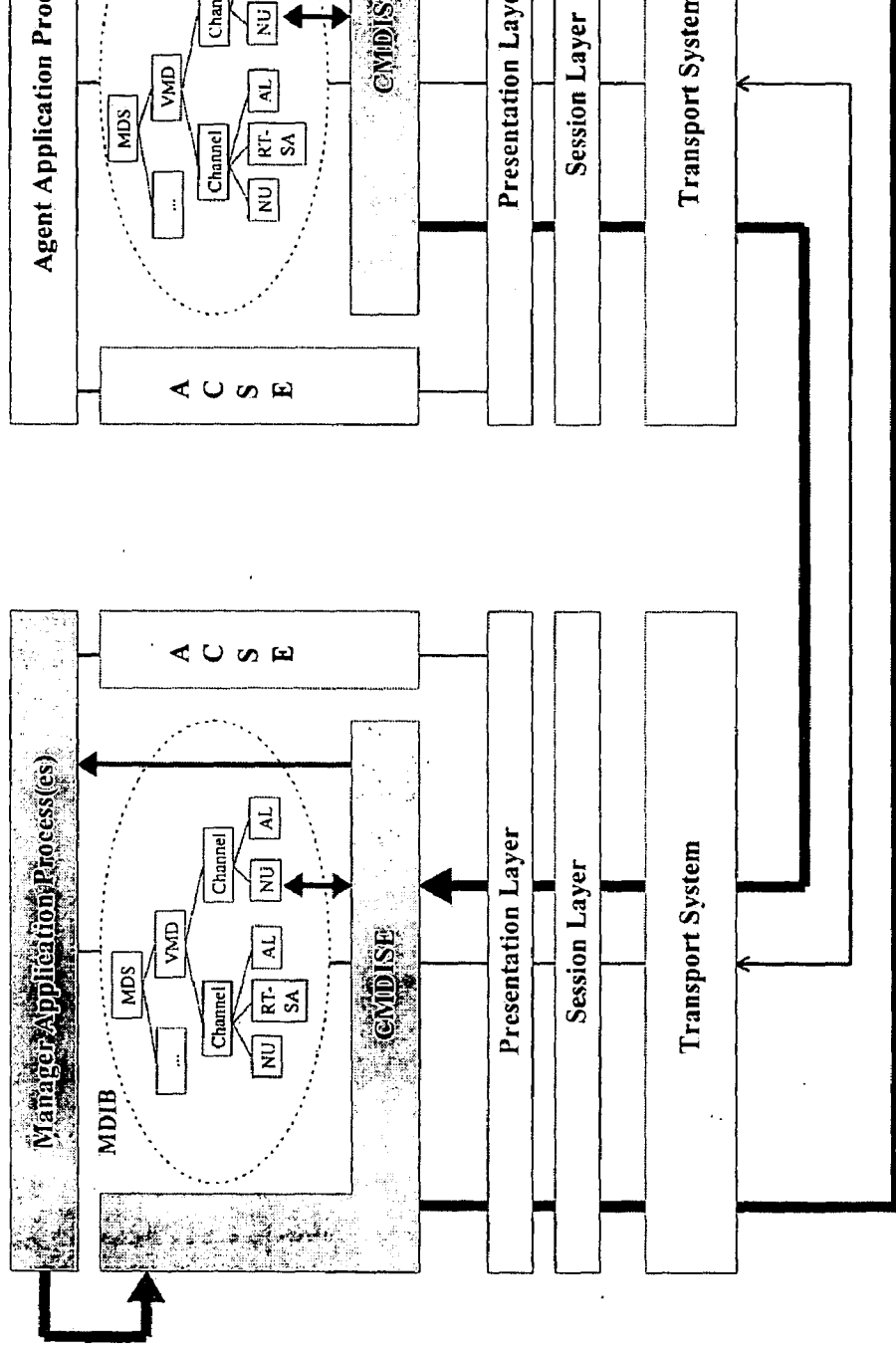


FIG. 1C

<p>Place a calibration sheet with known dots at a known distance and perpendicular to a camera view</p>
<p>Take snap shot of the sheet, and correlate the position of the dots to the camera image</p>
<p>Place a different calibration sheet that contains known dots at another different known distance and perpendicular to camera view.</p>
<p>Take snap shot of the sheet and correlate the position of the dots to the camera image</p>
<p>Smooth the dots to the pixels to minimize digitization errors</p>
<p>For each pixel, draw a line from Dot1(x,y,z) to Dot2 (x, y, z) defining a cone center where the camera can view</p>

FIG. 2

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