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

(76) Inventor: **Bao Q. Tran**, San Jose, CA (US)

Correspondence Address:
**TRAN & ASSOCIATES**
**6768 MEADOW VISTA CT.**
**SAN JOSE, CA 95135**

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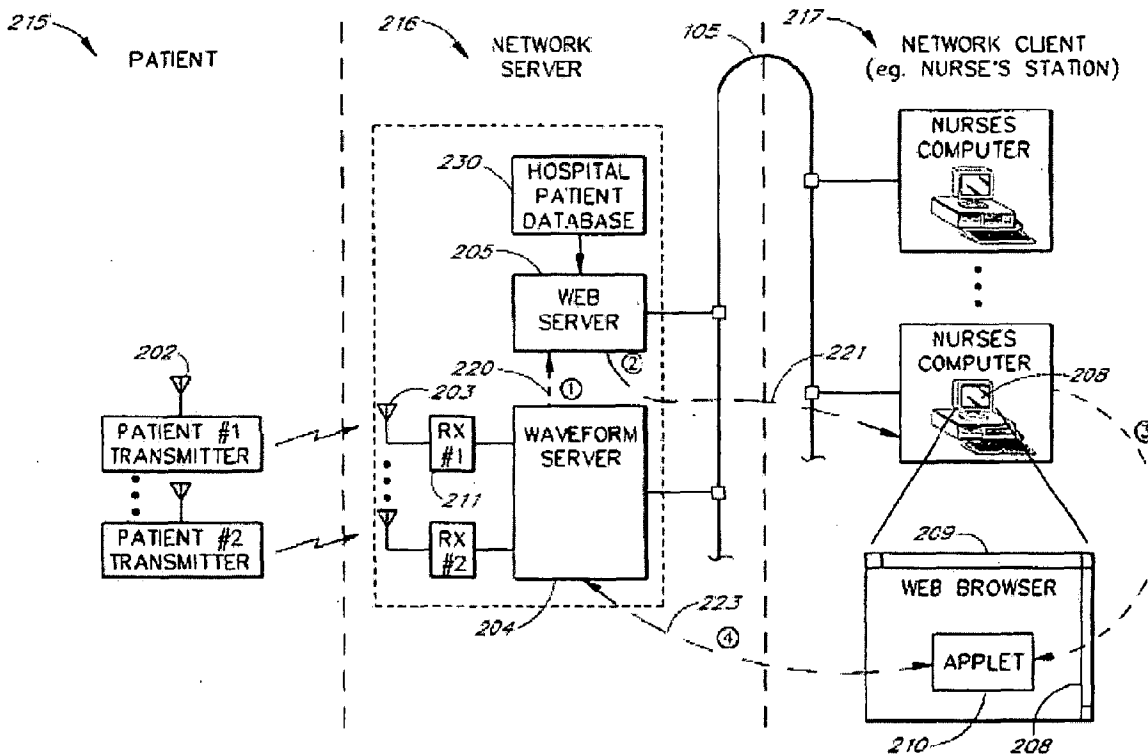(22) Filed: **Aug. 30, 2006**

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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.
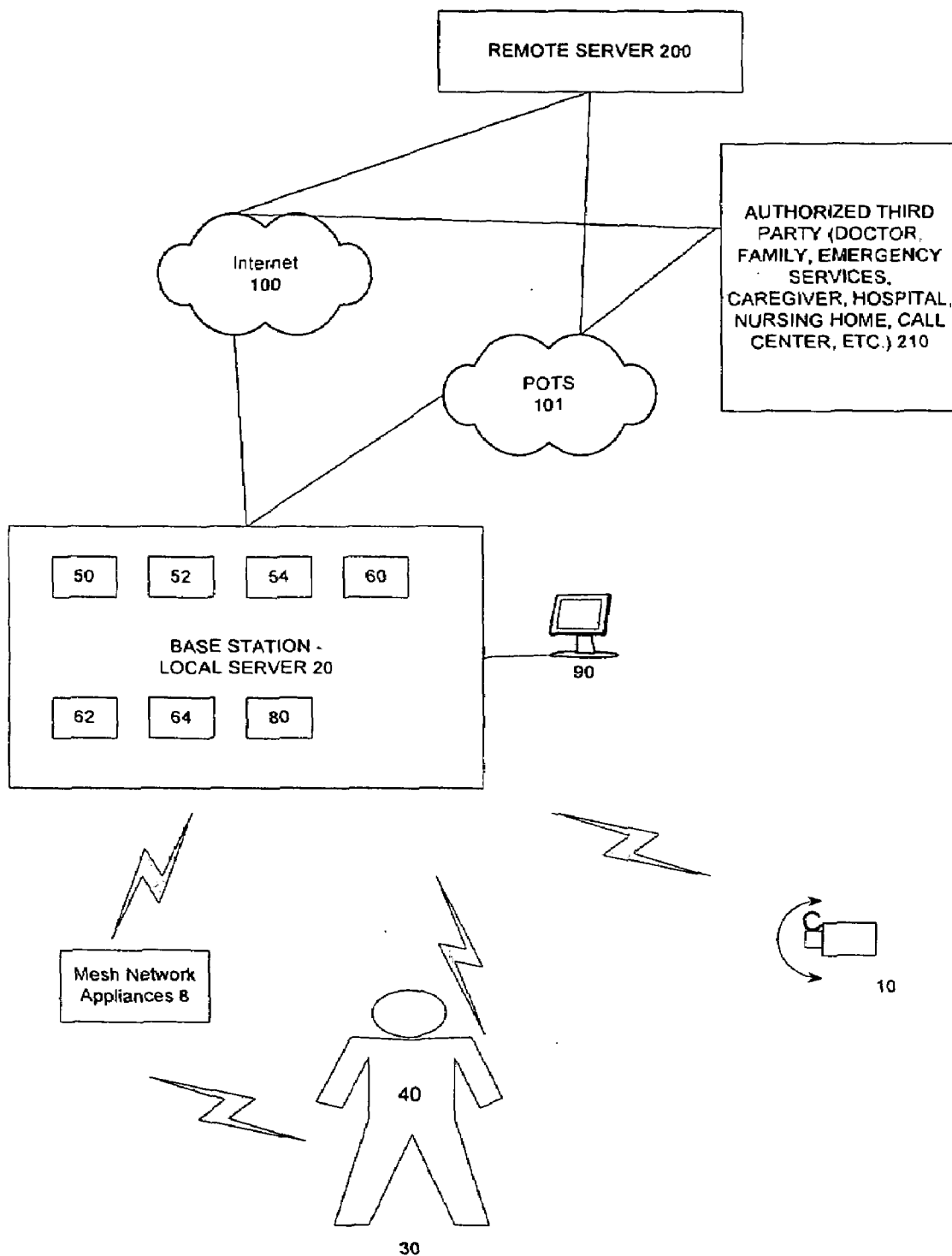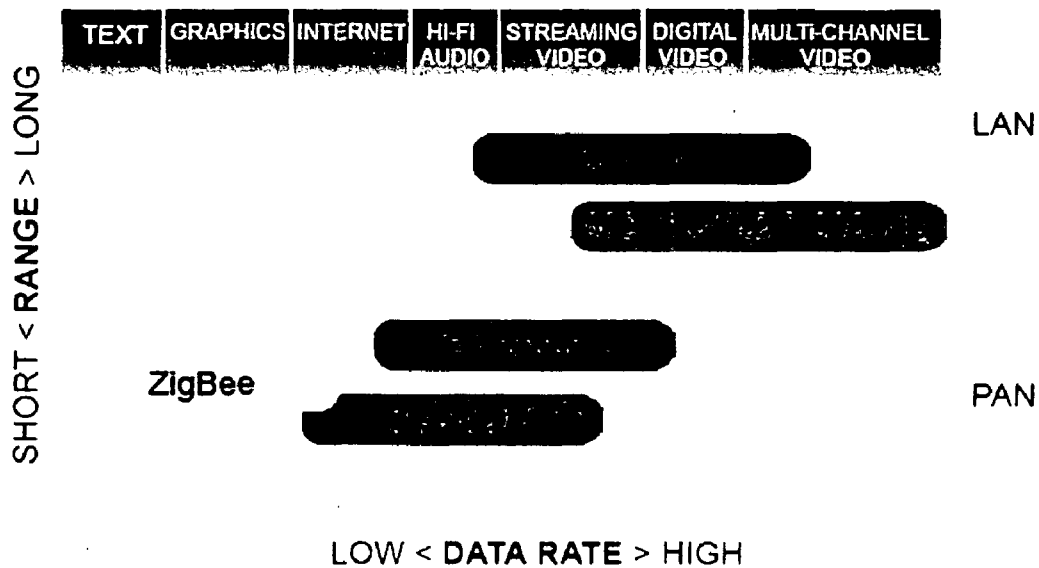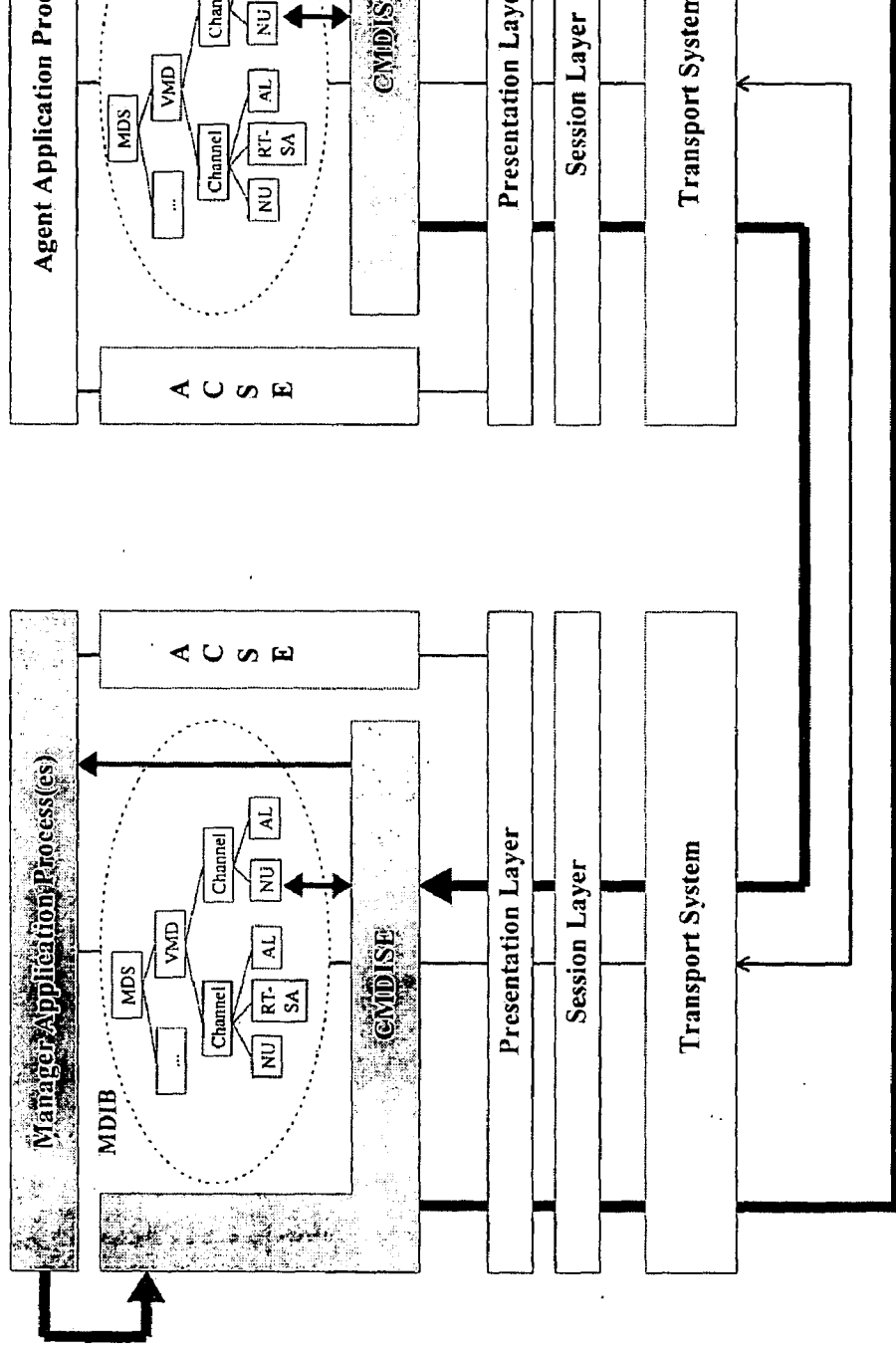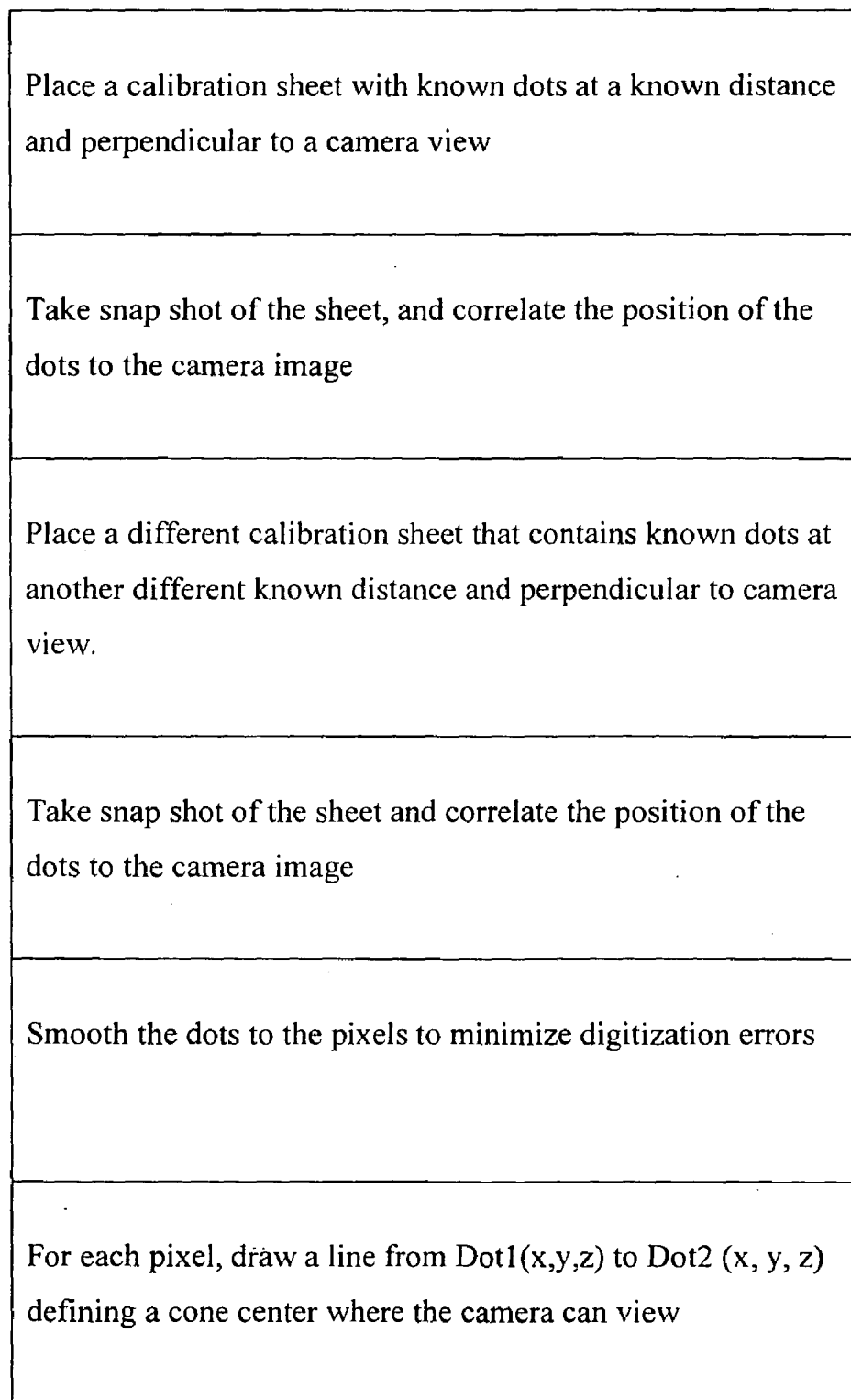
FIG. 1

FIG. 1B

FIG. 1C

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Place a calibration sheet with known dots at a known distance and perpendicular to a camera view

Take snap shot of the sheet, and correlate the position of the dots to the camera image

Place a different calibration sheet that contains known dots at another different known distance and perpendicular to camera view.

Take snap shot of the sheet and correlate the position of the dots to the camera image

Smooth the dots to the pixels to minimize digitization errors

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

FIG. 2

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