

ABSTRACT**Positioning Methods & Apparatus for UWB Devices**

A positioning system including a first UWB device and a second UWB device, determines the posture of the first UWB device relative to the second UWB device or vice versa. The relative posture includes relative orientation, angle and distance. The first UWB device has two or more omni-directional antennas spaced by a predetermined distance. The second UWB device has one or more directional antennas. A method of determining the posture of a first UWB device relative to a second UWB device is also disclosed.

Figure 4

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