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analyzing information from an acoustic gyroscope;  
 calculating the location of the device from the analyzed  
 information;  
 adjusting the acoustic gyroscope periodically using external  
 location information;  
 receiving the external location information from local  
 fixed location transmitters; and  
 the step of adjusting comprises the steps of generating  
 adjustment information from the received external  
 location information and transmitting the adjustment  
 information to the acoustic gyroscope.

**14.** A method for determining a location of a wireless  
 telephone, comprising the steps of:

analyzing information from an acoustic gyroscope;  
 calculating the location of the wireless telephone from the  
 analyzed information;  
 receiving the external location information from external  
 transmitting stations;  
 generating periodically adjustment information from the  
 received external location information;  
 transmitting the adjustment information to the acoustic  
 gyroscope,  
 adjusting the acoustic gyroscope periodically using the  
 generated adjustment information.

**15.** A method for determining a location of a wireless  
 personal digital assistant, comprising the steps of:

analyzing information from an acoustic gyroscope;  
 calculating the location of the wireless personal digital  
 assistant from the analyzed information;  
 receiving the external location information from external  
 transmitting stations;  
 generating periodically adjustment information from the  
 received external location information;  
 transmitting the adjustment information to the acoustic  
 gyroscope,  
 adjusting the acoustic gyroscope periodically using the  
 generated adjustment information.

**16.** A method for determining a location of a wireless  
 device, comprising the steps of:

analyzing information from an acoustic gyroscope;  
 calculating the location of the device from the analyzed  
 information;  
 receiving the external location information from local  
 fixed location transmitters;  
 generating periodically adjustment information from the  
 received external location information;  
 transmitting the adjustment information to the acoustic  
 gyroscope,

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adjusting the acoustic gyroscope periodically using the  
 generated adjustment information.

**17.** The method of claim **16** wherein the wireless device  
 is a wireless telephone.

**18.** The method of claim **16** wherein the wireless device  
 is a wireless personal digital assistant.

**19.** An apparatus for calculating a position of a wireless  
 device, comprising:

means for periodically receiving location information  
 from external cellular base stations;  
 means for obtaining the position of the wireless device  
 from an acoustic gyroscope;  
 means for analyzing the received location information to  
 determine an adjustment for the acoustic gyroscope  
 using multi-path calculations; and  
 transmitting the adjustment to the acoustic gyroscope.

**20.** The apparatus of claim **19** wherein the wireless device  
 is a wireless telephone.

**21.** The apparatus of claim **19** wherein the wireless device  
 is a wireless personal digital assistant.

**22.** An apparatus for calculating a position of a wireless  
 device, comprising:

means for periodically receiving location information  
 from local fixed location transmitters via infra-red  
 transmission;  
 means for obtaining the position of the wireless device  
 from an acoustic gyroscope;  
 means for analyzing the received location information to  
 determine an adjustment for the acoustic gyroscope;  
 and  
 transmitting the adjustment to the acoustic gyroscope.

**23.** The apparatus of claim **22** wherein the wireless device  
 is a wireless telephone.

**24.** The apparatus of claim **22** wherein the wireless device  
 is a wireless personal digital assistant.

**25.** An apparatus for calculating a position of a wireless  
 device, comprising:

means for periodically receiving location information  
 from external cellular base stations;  
 means for obtaining the position of the wireless device  
 from an acoustic gyroscope;  
 means for analyzing the received location information to  
 determine an adjustment for the acoustic gyroscope  
 using triangulation calculations; and  
 transmitting the adjustment to the acoustic gyroscope.

**26.** The apparatus of claim **25** wherein the wireless device  
 is a wireless telephone.

**27.** The apparatus of claim **24** wherein the wireless device  
 is a wireless personal digital assistant.

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