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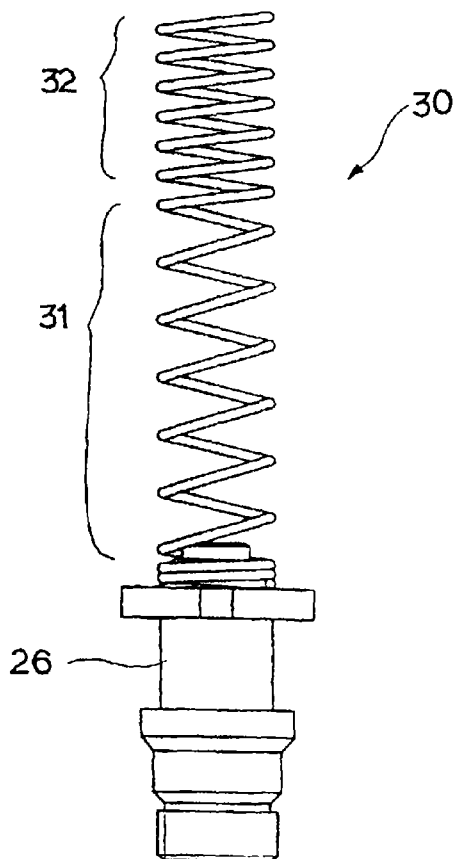
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(54) Title: DUAL BAND ANTENNA

(57) Abstract: The present invention discloses a dual band antenna for a portable wireless device which can be suitably used for a cellular phone and a personal communication services (PCS) phone. by improving a spring structure of a helical antenna to have a dual bandwidth of 900 MHz of the cellular phone and 1900 MHz of the PC's phone. The dual band antenna for the wireless device wherein the helical antenna has a built-in spring, includes. a spring consisting of a lower spring fixed to a metal rod of the helical antenna at predetermined spring intervals, for transmitting and receiving a frequency of 1900 MHz, and an upper spring having narrower spring intervals than the lower spring, the upper and lower springs being able to transmit and receive a frequency of 900 MHz

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