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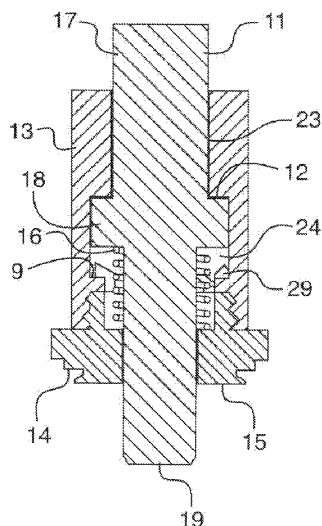
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(54) Title: PUSH BUTTON DEVICE

FIG. 8



(57) Abstract: A push button consists of component parts including a plunger, a retainer, a spring and an end cap. The plunger reciprocates within the retainer which has three main portions: an upper portion closely holds the button on the top of the plunger and includes a rectilinear recess that can receive a square midsection of the plunger. A middle portion of the retainer comprises an enlarged cavity that provides the side clearance for the plunger pin's enlarged square midsection to rotate. The cavity is bounded above and below by opposing roof and floor camming structures which engage the corners of the plunger midsection that causes it to rotate. A spring within the retainer biases the plunger upward. An end cap affixed to the bottom of the retainer captivates the plunger and spring assembly and provides attachment means to affix the push button assembly to a supporting structure.

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