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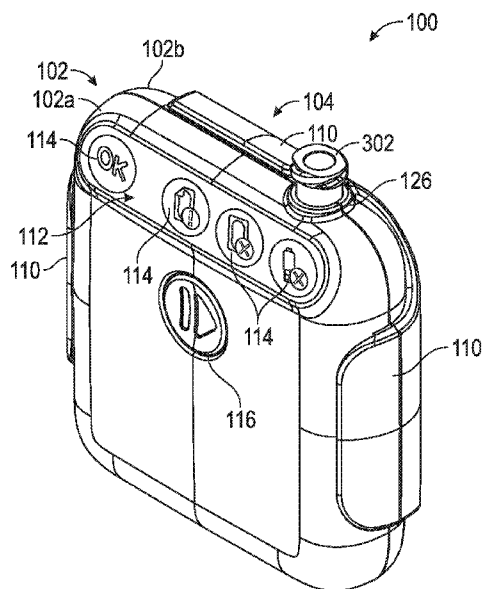
(54) Title: **NEGATIVE PRESSURE WOUND THERAPY APPARATUS AND METHODS**

FIG. 1

(57) **Abstract:** Systems and methods for controlling and/or calibrating a pump system for use in negative pressure wound therapy are described herein. In some embodiments, a method for controlling a pump system includes calculating an amplitude and an offset for a drive signal based at least in part on previously calculated parameters and a negative pressure setting, generating the drive signal, and applying the drive signal to a pump system. The pump system can be fluidically connected to a wound dressing positioned over a wound.



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