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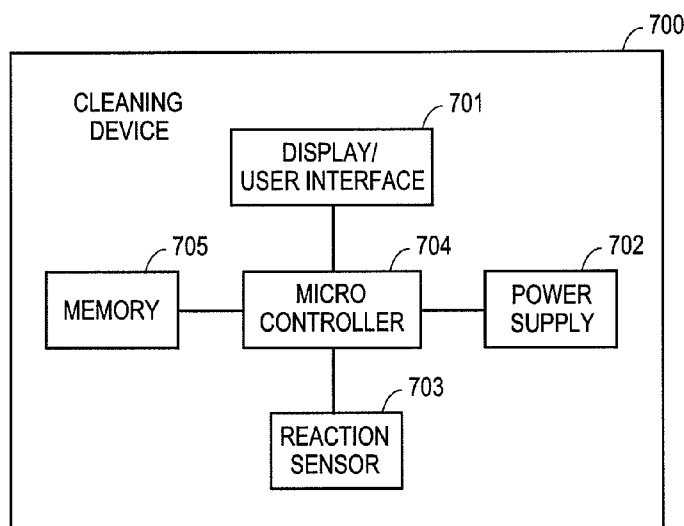
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(54) Title: CONTACT LENS CLEANING SYSTEM WITH MONITOR

**FIG. 14**

(57) Abstract: The invention monitors the neutralization process involving hydrogen peroxide solution and a hydrogen peroxide neutralization catalyst and compares measured values with theoretical values. The system monitors the chemical reaction and notifies the user of the neutralization status. In an exemplary embodiment, the initial hydrogen peroxide solution concentration is neutralized with a palladium catalyst after a period of time. A microcontroller analyzes the measurements and displays the neutralization process results using colored LED lights and/or text or images on a LCD display. In one embodiment, an apparatus adapted for use with a cleaning solution used to clean a medical device may include a trigger, a processing device in communication with the trigger, and a display device. The processing device provides a trigger count and the display device communicates with the processing device and displays a message based on the count.



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