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(54) Title: **INTERACTIVE CONTROL SYSTEMS FOR MEDICAL PROCESSING DEVICES**

(57) Abstract

A controller (18) provides an abstract, "virtual" interface (60-66) between the software based applications (A1-A3) resident in the controller (18) and the hardware elements (52) of the fluid processing system (10). The controller (18) also provides a straight forward yet very interactive dual region user interface (60).

