CLAIMS

1. An apparatus for applying negative pressure to a wound, the apparatus comprising:

a negative pressure source configured to provide negative pressure to a wound dressing via a fluid flow path;

a switch comprising an actuator configured to toggle a state of a first pair of electrical contacts and a state of a second pair of electrical contacts in response to a user input; and

control circuitry configured to:

supply negative pressure with the negative pressure source in response to the first pair of electrical contacts being in an electrically connected state and the second pair of electrical contacts being in the electrically connected state, and

disable supply of negative pressure with the negative pressure source in response to the first pair of electrical contacts being in an electrically disconnected state or the second pair of electrical contacts being in the electrically disconnected state.

2. The apparatus of claim 1, wherein the control circuitry is configured to disable supply of negative pressure with the negative pressure source in response to the first pair of electrical contacts being in the electrically connected state and the second pair of electrical contacts being in the electrically disconnected state.

3. The apparatus of claim 1 or 2, wherein the actuator is configured to simultaneously toggle the state of the first pair of electrical contacts and the state of the second pair of electrical contacts in response to the user input.

4. The apparatus of any one or more of claims 1-3, wherein the control circuitry is configured to supply negative pressure with the negative pressure source in response to no user inputs other than the user input to the switch.

5. The apparatus of any one or more of claims 1-4, wherein when the actuator is broken and no longer able to toggle the state of the first pair of electrical contacts or the state of the second pair of electrical contacts, the control circuitry is further configured to no longer supply negative pressure with the negative pressure source.

6. The apparatus of any one or more of claims 1-5, wherein the control circuitry is further configured to detect a switch fault in response to the state of the first pair of electrical contacts not toggling within a threshold period of time subsequent to toggling of the state of the second pair of electrical contacts.

7. The apparatus of claim 6, wherein the threshold period of time is 0.5 seconds, 1 second, 2 seconds, 3 second, or 5 seconds.

8. The apparatus of claim 6 or 7, wherein the control circuitry is further configured to output a switch fault indication in response to detection of the switch fault.

9. The apparatus of any one or more of claims 1-8, wherein the first pair of electrical contacts comprises a plurality of first traces and the second pair of electrical contacts comprises a plurality of second traces, and the actuator is configured to short the plurality of first traces to one another and short the plurality of second traces to one another in response to the user input.

10. The apparatus of any one or more of claims 1-9, wherein the negative pressure source is disposed on or within the wound dressing.

11. The apparatus of any one or more of claims 1-10, wherein the control circuitry is configured to disable supply of negative pressure with the negative pressure source by deactivation of operation of the negative pressure source, opening of a vent positioned in the fluid flow path, or closing of a valve positioned in the fluid flow path.

12. The apparatus of any one or more of claims 1-11, wherein the switch is configured to receive the user input as a depression of the switch.