

Flowable Material Dispensing Apparatus

Abstract

A flowable material dispensing apparatus comprising a first container for holding the flowable material, the first container having an inlet opening adapted to receive a flow condition, and an outlet opening. The inlet and outlet openings being adapted to operatively face downwards. The apparatus includes a second container in fluid communication with the first container. The second container having at least one inlet passage in fluid communication with a sanitation system, and an outlet passage in fluid communication with the sanitation system, wherein the inlet passage includes a flow restriction adapted to selectively limit the flow condition. The second container is formed by a removable cap member interferingly attachable to the first container such that an outer surface of the first container is separated from an inner surface of the second container by a narrow space therebetween. wherein the flow condition from the sanitation system passes through the inlet passage into the second container and breaks a hydrostatic seal of the first container outlet opening, permitting outflow of a volume of flowable material into the second container. When the flow condition ceases the hydrostatic seal re-forms, substantially sealing the first container, and the volume of flowable material in the second container flows through the outlet passage into the sanitation system.

Figure 3