

## CLEANING SYSTEM AND METHOD FOR FLUID CONTAINERS

### Abstract

Water tanks are typically used for storing and supplying water. These water tanks  
5 require regular cleaning and maintenance to ensure that they are clean and free of  
sediments, debris and algae. Regular cleaning and maintenance of the water tanks  
ensures that an acceptable quality is maintained for the water contained therein and  
ensures that the water supplied therefrom is safe for consumption and use.  
Conventional water tank cleaning methods typically leads to water wastage. An  
10 embodiment of the invention describes a system and a method which uses ozonation  
and water filtration to process water transported through a processing channel. Water  
is drawn from the water tank into the processing channel and subsequently discharged  
from the processing channel into the water tank after processing thereof. The cleaned  
and sterilized water discharged from the processing channel is used for cleaning and  
15 sterilization of the water tank. The method and system of circulating water through  
the processing channel allows the water tank to be substantially cleaned with  
substantially reduced water wastage.

20 Figure 3



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