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House hold unit for the treatment of fluoride, iron, arsenic and microorganism contaminated drinking water

Vijaykumar L. Dhadge, Chitta Ranjan Medhi, Murchana Changmai, Mihir Kumar Purkait



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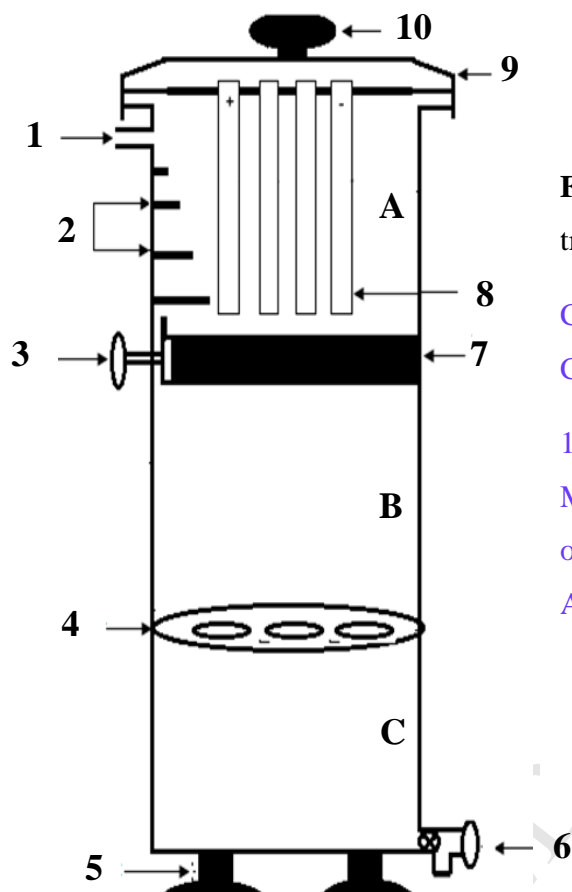
Graphical Abstract:

Figure: Schematic of process equipment for water treatment

Chamber A: Capacity- 10 L, Chamber B: Capacity- 9 L,
Chamber C: Capacity- 8 L

1: Water Inlet, 2: Baffle arrangement, 3: Valve, 4:
Membrane filter assembly, 5: Base Support, 6: Pure water
outlet valve, 7: Separator, 8: Electrodes, 9: Cover, 10:
Arrangement to remove outer cover

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