

Chapter 7

PLUMBING AND SANITATION



Fig. 7.1. The Hanging Gardens of Babylon (4000 B.C.)⁽¹⁵⁾

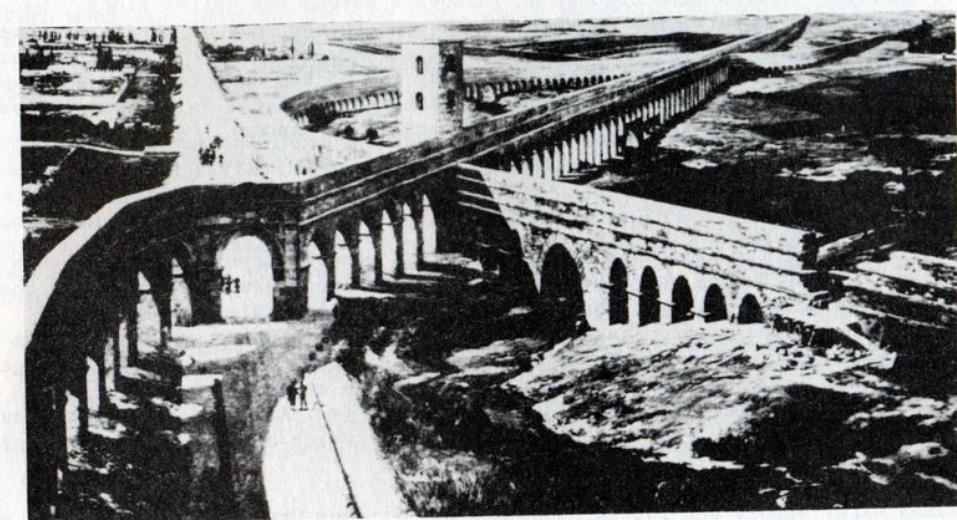


Fig. 7.2. Aqueducts outside Rome.
(Hodges, *Technology in the ancient world*)



Fig. 7.3. A London water carrier (1572).⁽¹⁴⁾

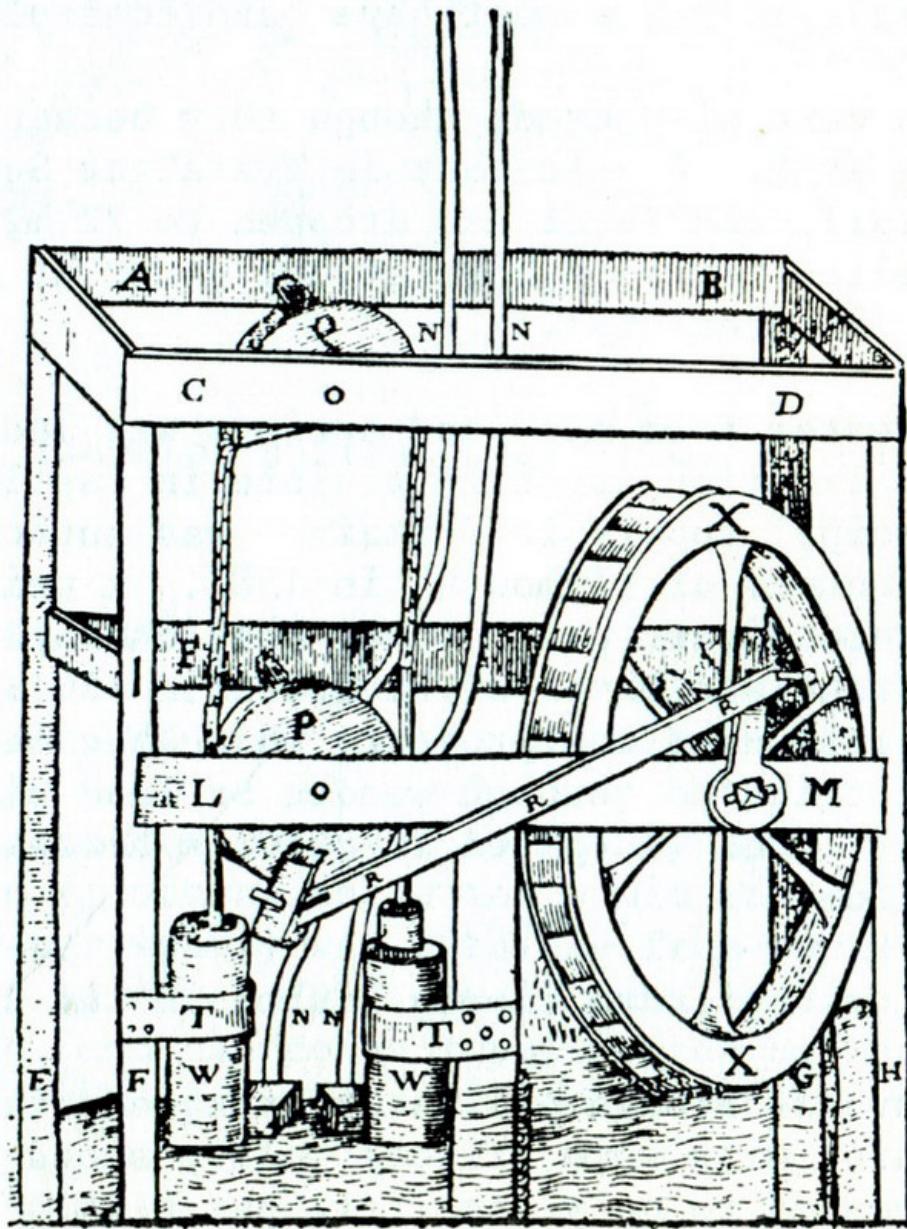


Fig. 7.4. London Bridge waterworks, 1635.

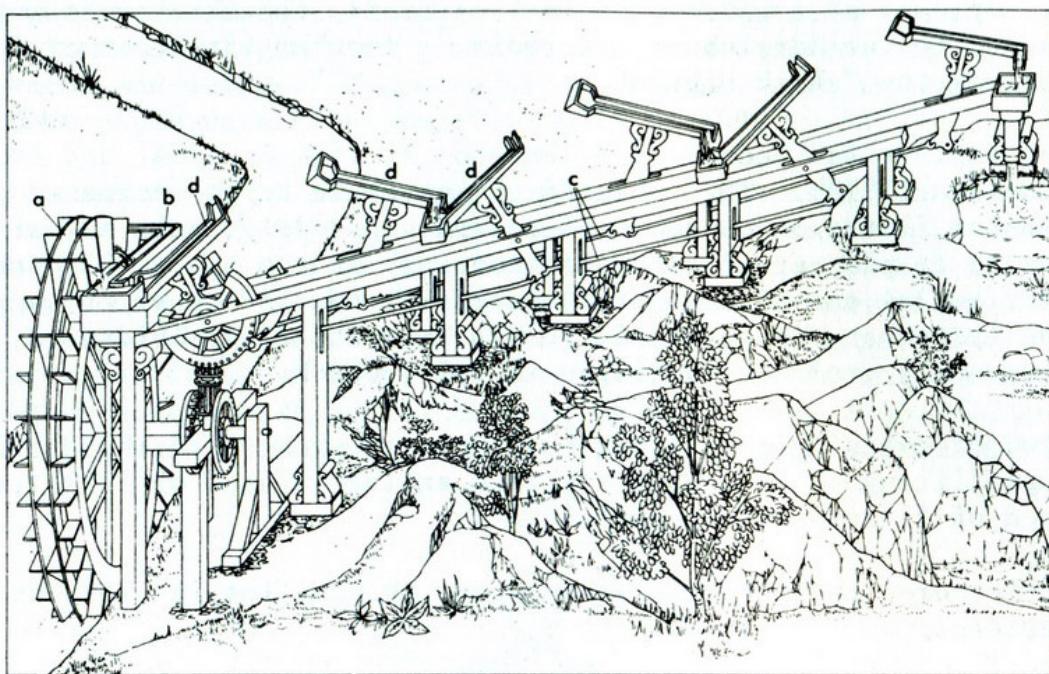


Fig. 7.5. Juanelo Turriano's Artificio at Toledo.

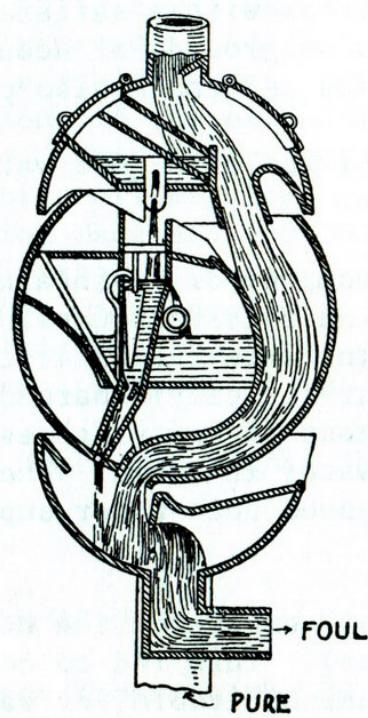


Fig. 7.6. Roberts' rain-water separator.

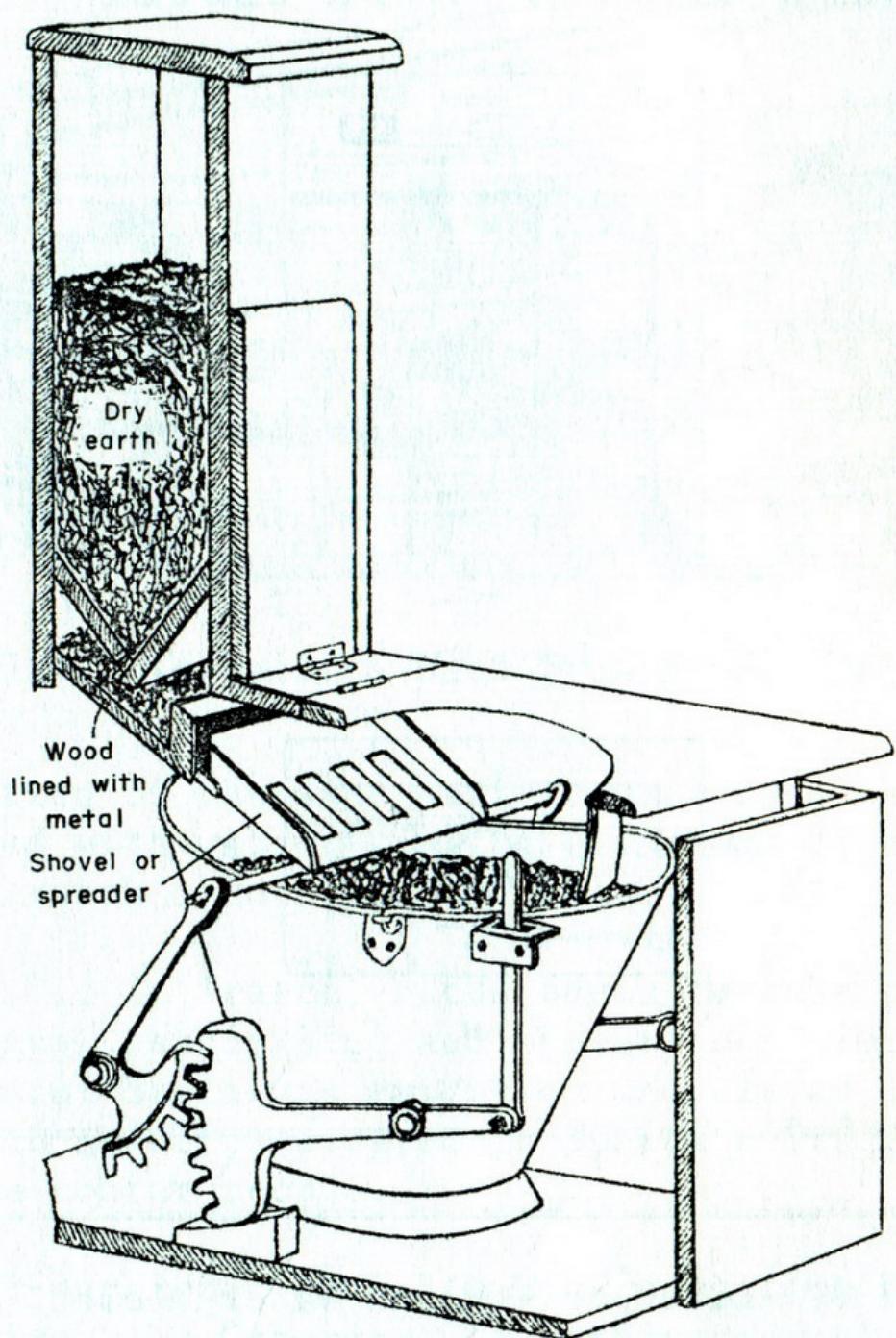


Fig. 7.7. Earth closet (*ca.* 1923).
(Courtesy, O.U.P.)

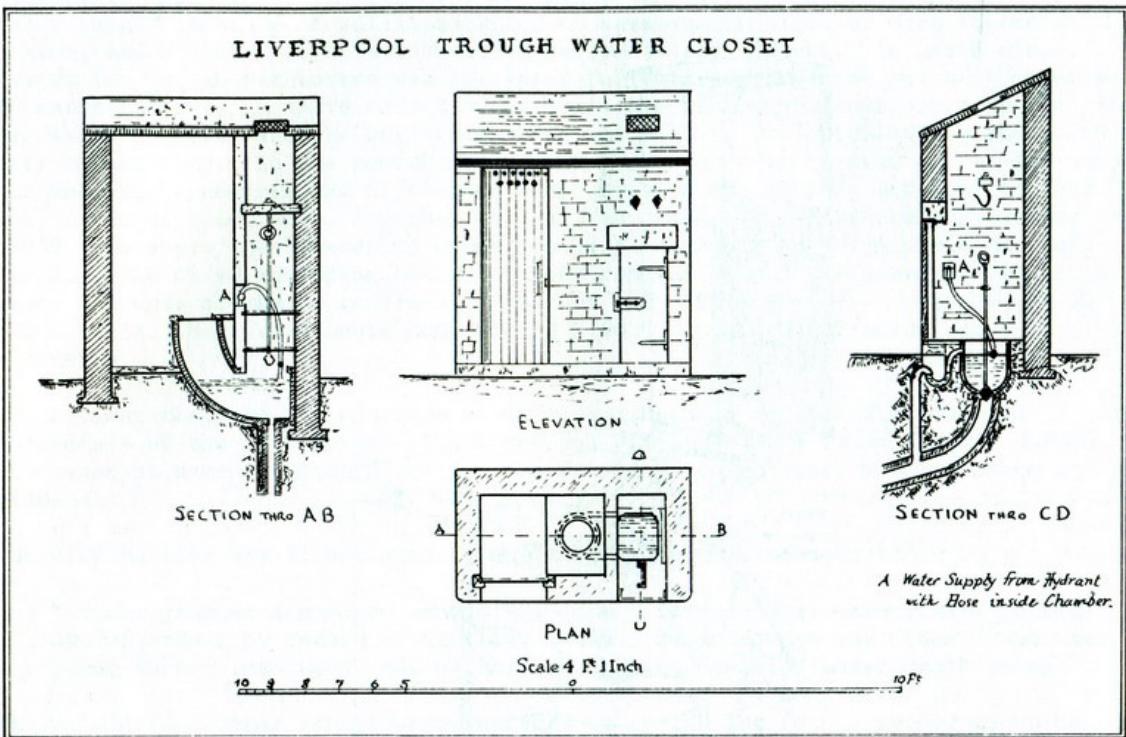


Fig. 7.8. Liverpool trough water closet.

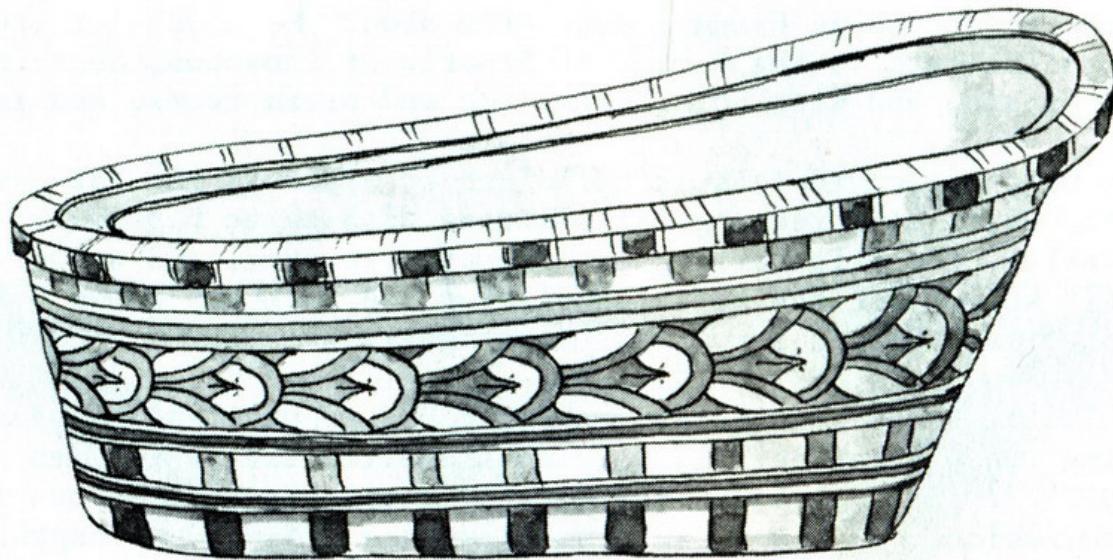


Fig. 7.9. Terracotta bath from Minoan Palace, Crete.

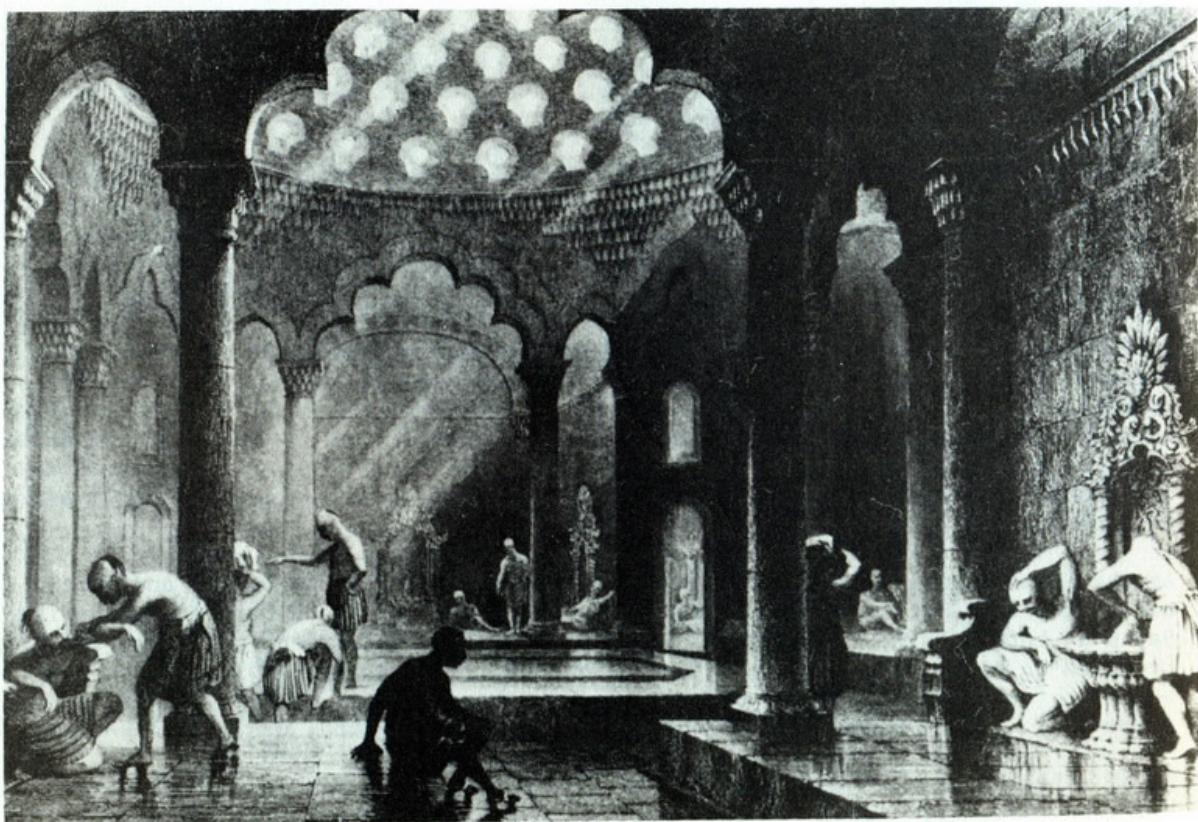


Fig. 7.10. The Çagaloğlu Hammān (Bath), Istanbul, Turkey
(18th century).⁽⁴¹⁾

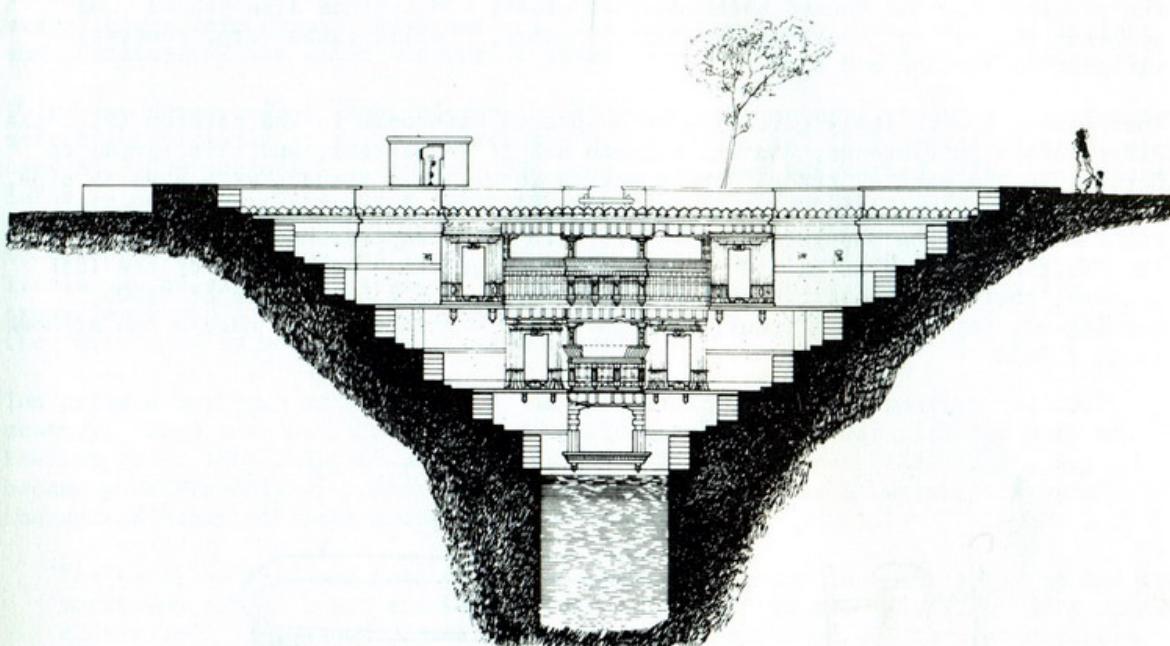


Fig. 7.11. A stepped tank or bath: the Sabali Kund-way
Gujarat, India (ca. 1500).

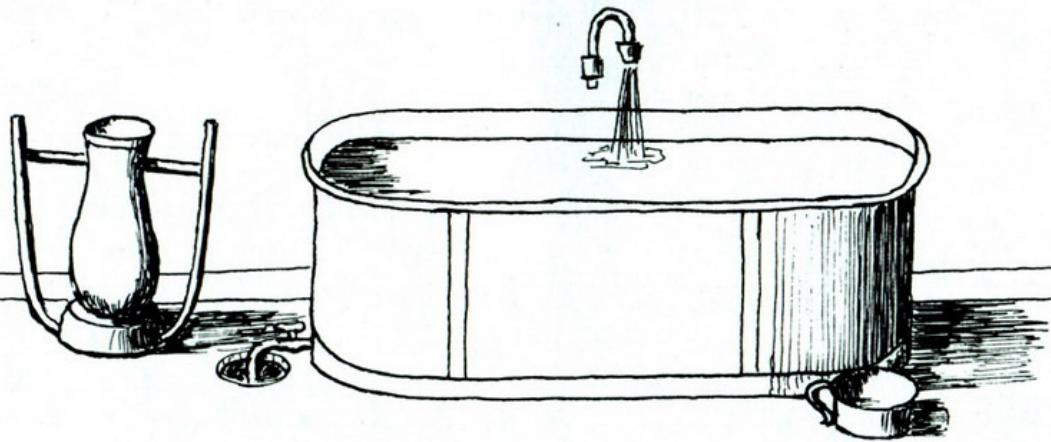


Fig. 7.12. Domestic bathtub, Germany (late 18th century).
At left 'cylinder' heater for bath.

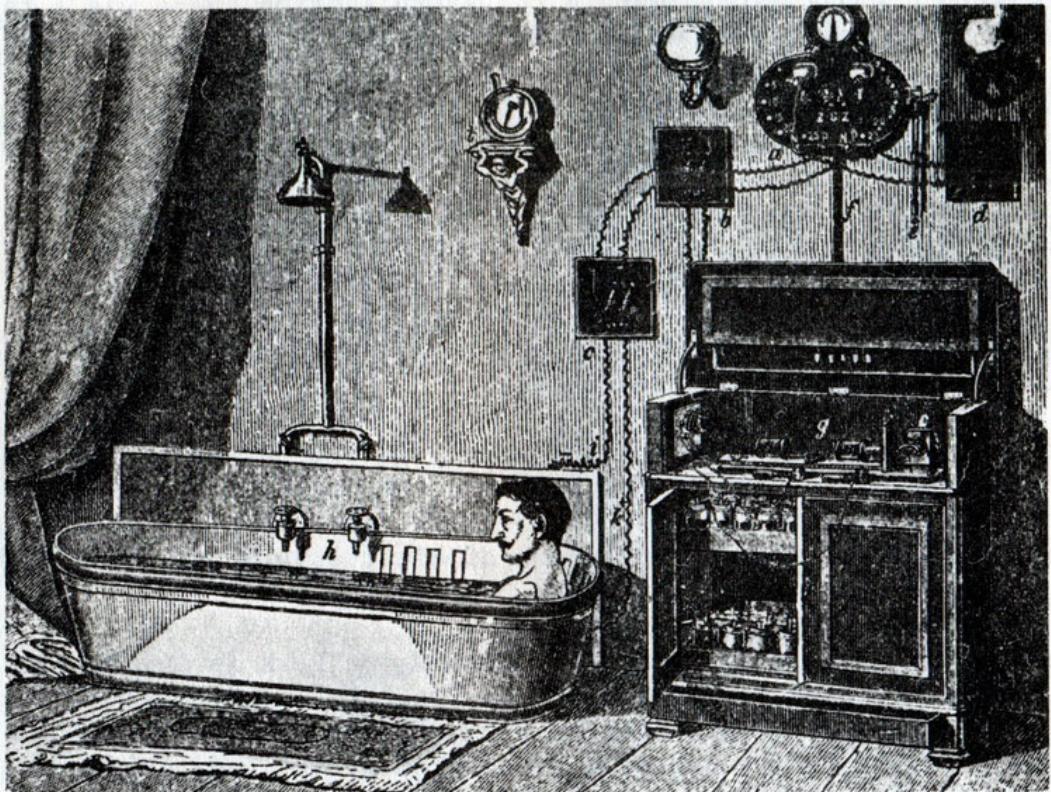


Fig. 7.13. Electric bath installation, with all necessary
appliances for constant and Faradaire current
application – from GEC catalogue of 1886.

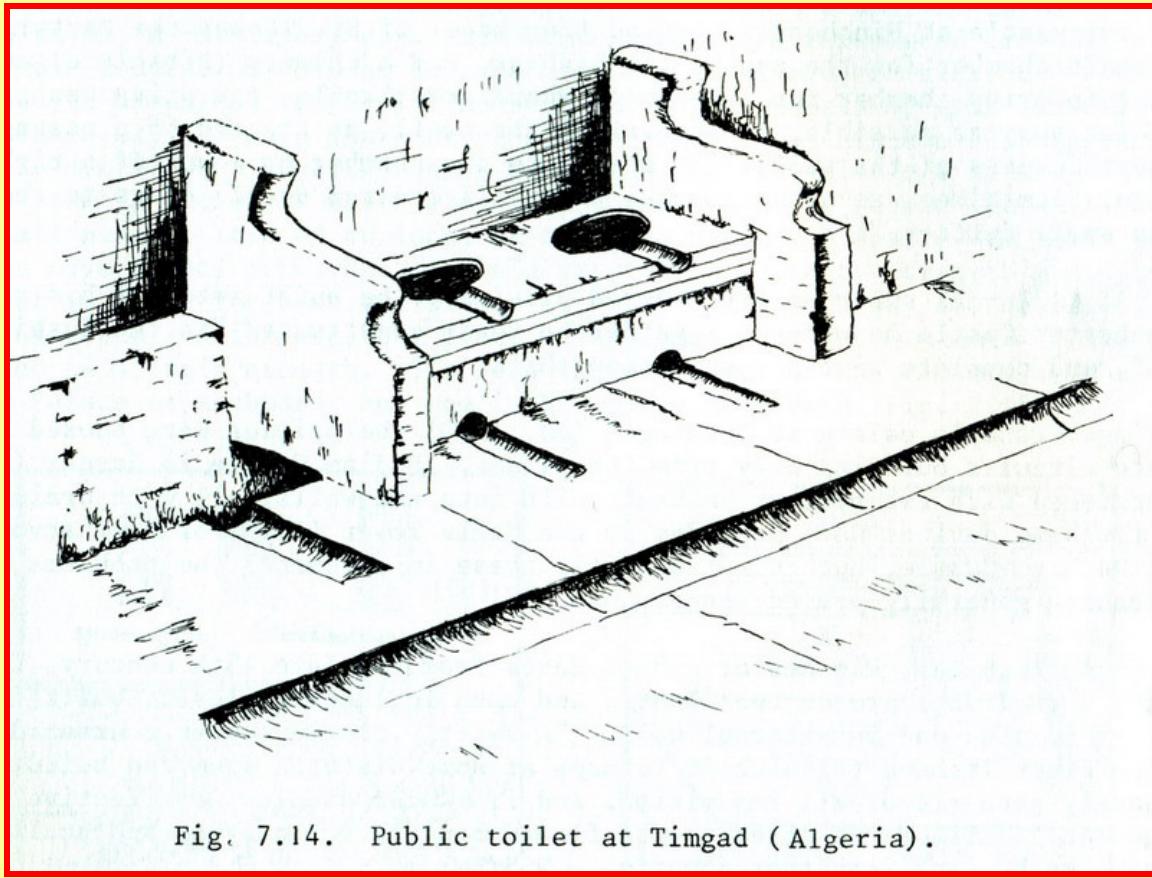


Fig. 7.14. Public toilet at Timgad (Algeria).

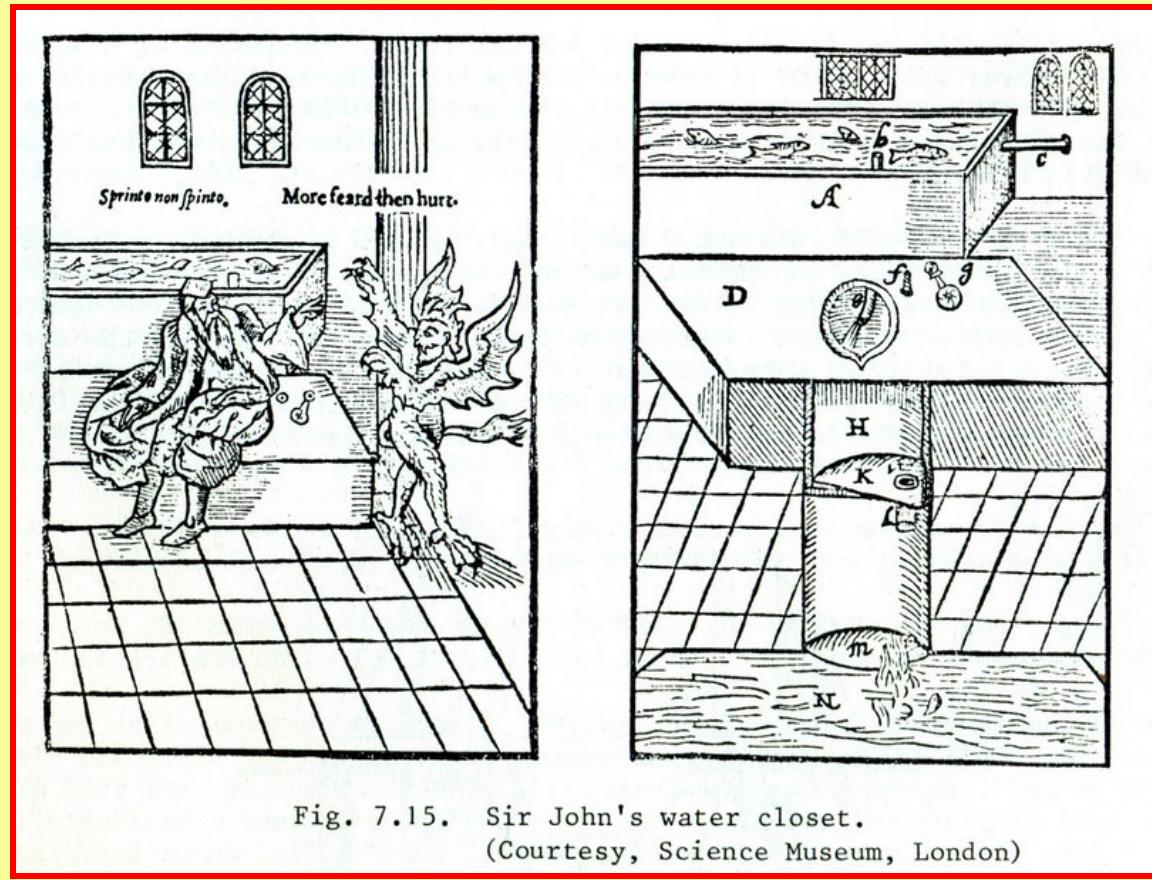


Fig. 7.15. Sir John's water closet.
(Courtesy, Science Museum, London)

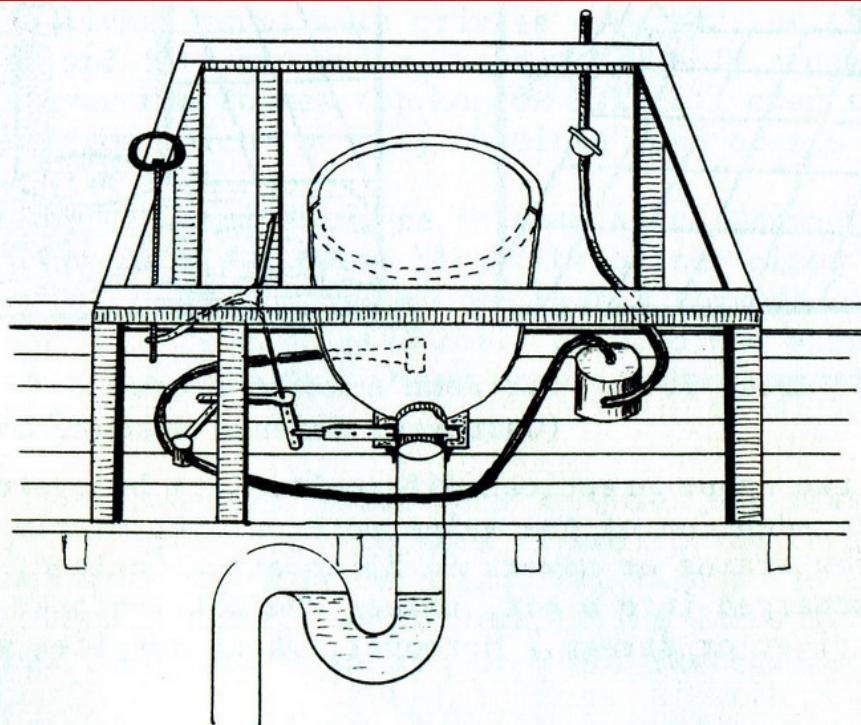


Fig. 7.16. Cumming's water-seal closet (1775).

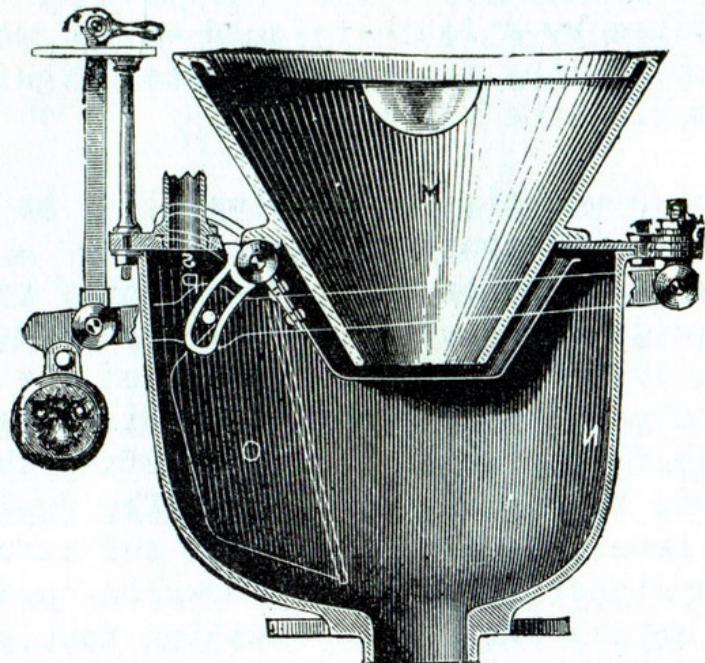


Fig. 7.17. Section of a pan-closet. (1796)

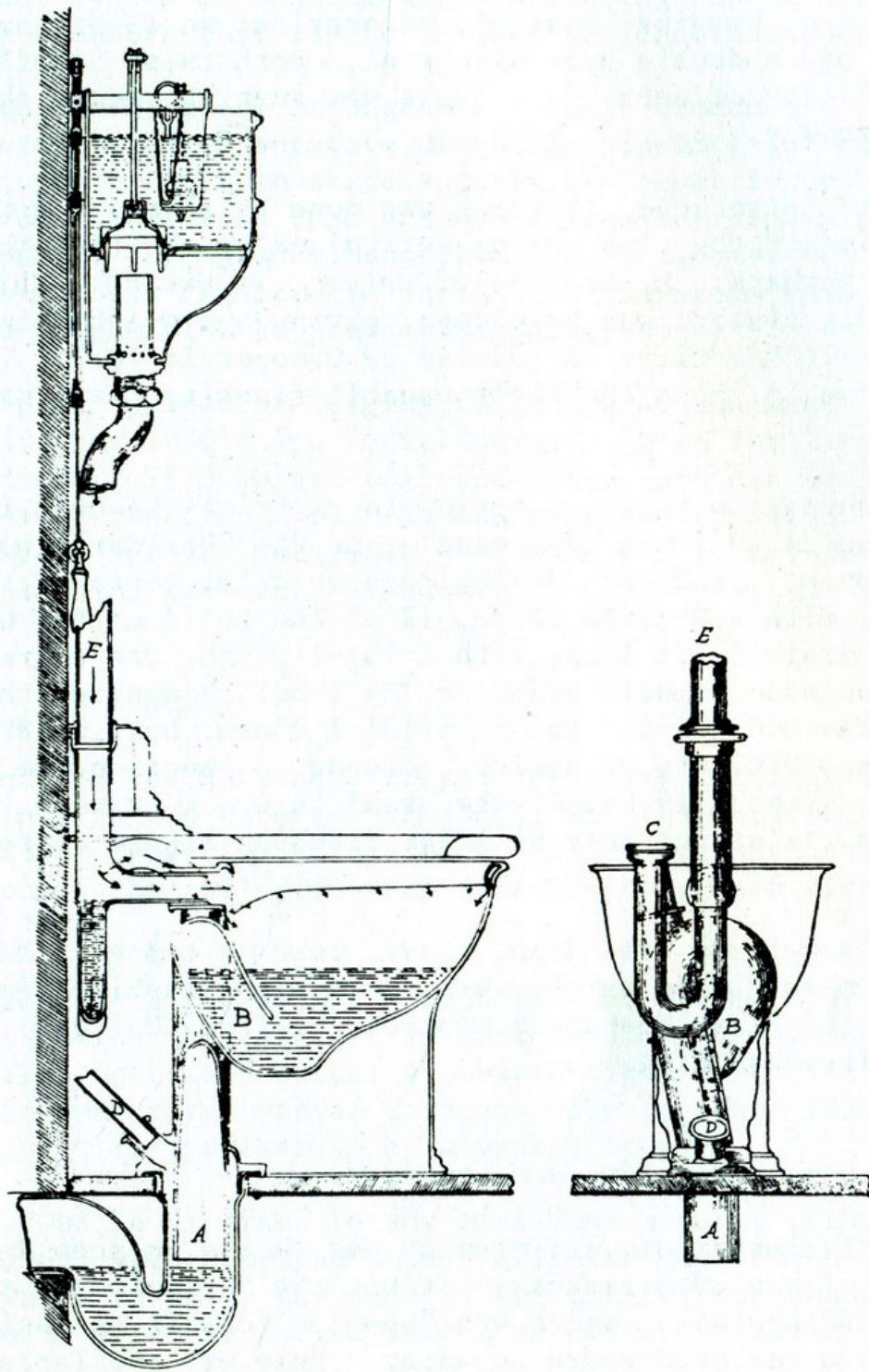
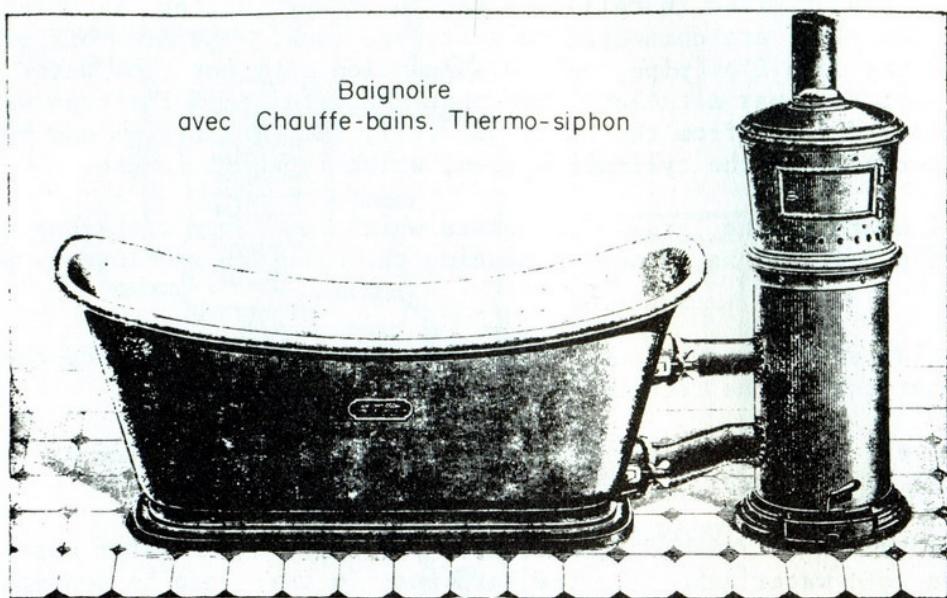


Fig. 7.18. Jennings' 'closet of the century' (1892).



Fig. 7.19. 1st century A.D. water heater.



Baignoire
avec Chauffe-bains. Thermo-siphon

Fig. 7.20. Solid-fuel water heater and bath(1897).

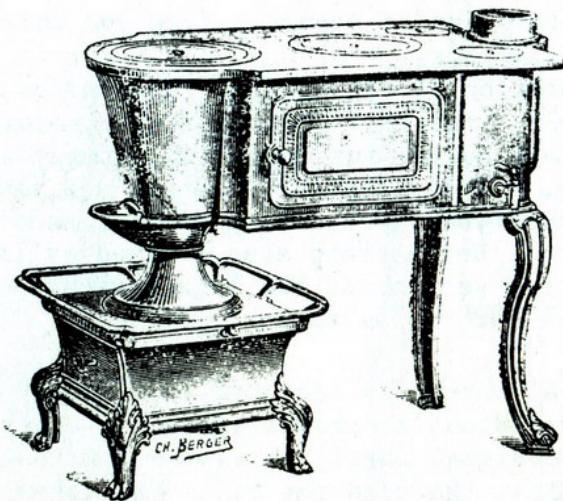


Fig. 7.21. Combination water heater and cooking range(1897).

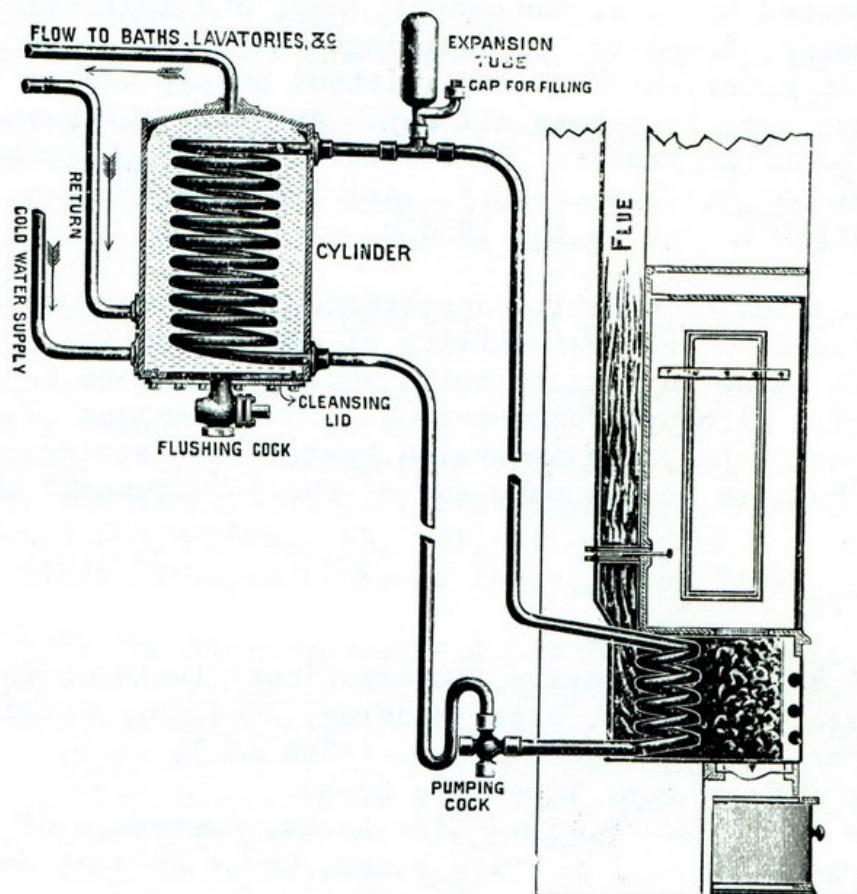


Fig. 7.22. Indirect hot water supply from high pressure coil in kitchen range(1884).

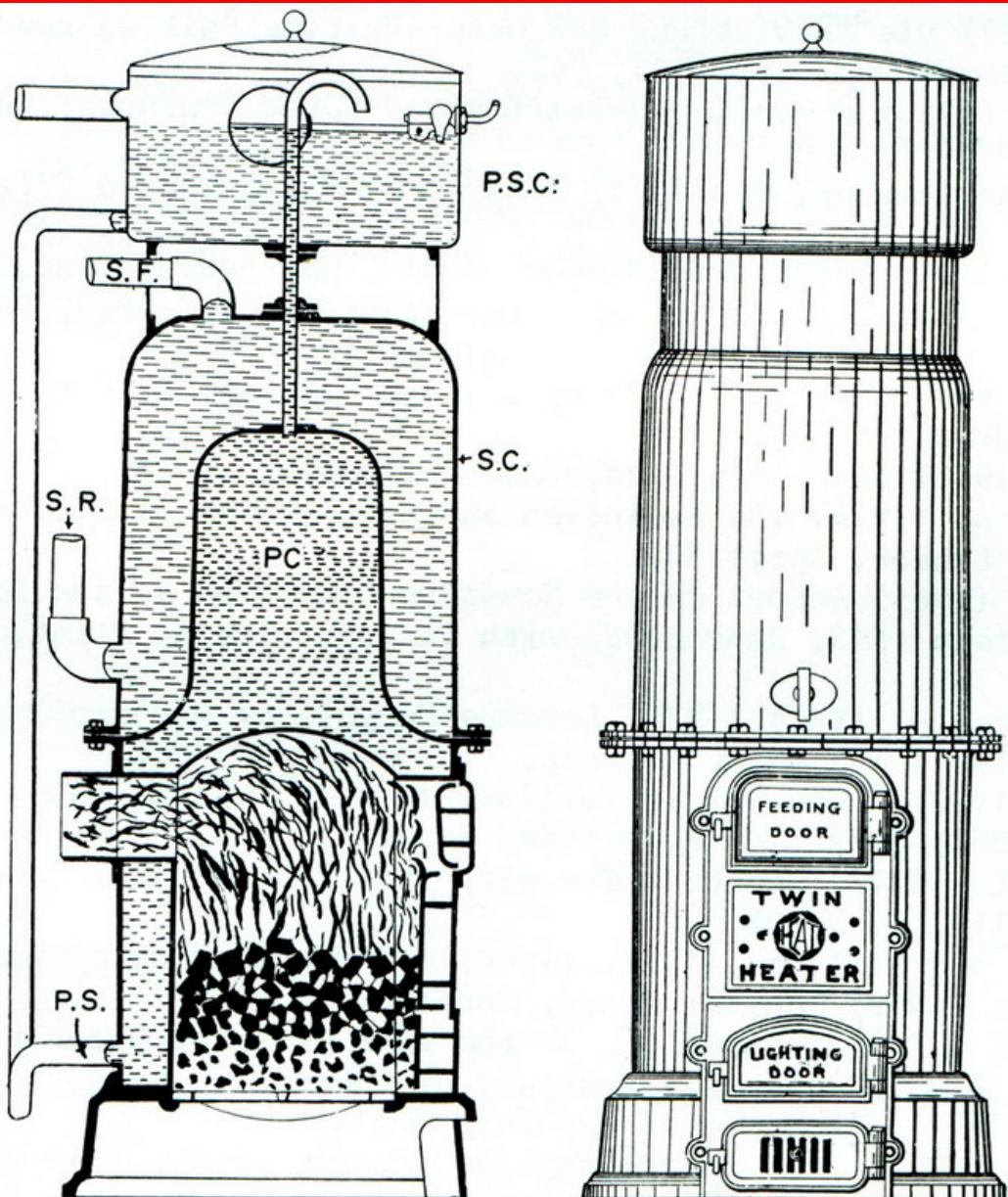


Fig. 7.23. Twin heater (patent) for indirect hot water supply(1904).

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