

Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

The young man's book of amusement

Halifax, 1848

How to raise Water several Feet above its ordinary Level

[urn:nbn:de:bsz:31-100120](https://nbn-resolving.org/urn:nbn:de:bsz:31-100120)

grees; immerse this apparatus about an inch in a basin of water, and the water will rise between the plates, and form a beautiful geometrical figure, called an hyperbola.

How to raise Water several Feet above its ordinary Level.

The syphon is employed by distillers and others, for the purpose of emptying casks, and it may be advantageously used to decant wine, as the wine may be raised from the most turbid ground without mixing with the sediment beneath. To make this instrument, it is merely necessary to bend a glass tube by the application of heat; and if a second tube be attached, and the air sucked out, the fluid will continue to flow as long as any water remains in the upper vessel.

How to Work a Pump without Manual Labour.

Captain Leslie, of the American vessel the *George and Susan*, invented, in his voyage from North America to Stockholm, the following simple method of keeping the ship's pumps at work, when the sea runs high, and when the crew are not sufficient, or are already fatigued:—About ten or twelve feet above the pump, he fixed a spar, or small mast, one end