

Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

The young man's book of amusement

Halifax, 1848

Magic Fountain

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

explosion. To make this experiment more easy, one part of the bladder should be scraped with a knife, and some of its external fibres taken off.

Magic Fountain.

Take a tall glass tube, hermetically sealed both at top and bottom, by means of a brass cap screwed on to a stop cock, and that to the plate of the pump. When the air is exhausted, turn the cock, take the tube off the plate, and plunge it into a basin of mercury or water. Then the cock being again turned, the fluid, by the pressure of the air, will play upon the tube, in the form of a beautiful fountain.

The Cemented Bladder.

Tie the neck of the bladder to a stop-cock which is to be screwed to the plate of the pump, and the air exhausted from the bladder; then turn the stop-cock to prevent the re-entrance of the air, and unscrew the whole from the pump. The bladder will be transformed into two flat skins, so closely applied together, that the strongest man cannot raise them half an inch from each other; for an ordinary sized bladder, of six inches across the widest part, will have one side pressed upon the other with a force equal to 396 pounds' weight.

Construe
let his bell
proceed fro
with colour
under the r
will be th
drinking, h

Take a t
of air, and
if immersed
of water, an
exhaust the
a balloon li
ascend, car

Cur

Many nat
display the
of the first
view, have t
mals, to exer