Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

The young man's book of amusement

Halifax, 1848

Two merry Companions [...]

Of which, as we have said, the 3 denotes the third person, the 2 the left hand, the 1 the thumb, and the last 2 the second joint.

To construct Paper Balloons.

Take several sheets of silk paper; cut them in the shape of a spindle; or, to speak more familiarly, like the coverings of the sections of an orange; join these pieces together, into one spherical or globular body, and border the aperture with a ribbon, leaving the ends, that you may suspend from them the following lamp:

Construct a small basket of very fine wire, if the balloon is small, and suspend it from the aperture, so that the smoke from the flame of a few leaves of paper, wrapped together, and dipped in oil, may heat the inside of it. Before you light this paper, suspend the balloon in such a manner, that it may, in a great measure, be exhausted of air, and as soon as it has been dilated, let it go, together with the wire basket, which will serve as ballast.

Two merry Companions are to have equal shares of Eight Gallons of Wine, which are in a vessel containing exactly Eight Gallons, now to make this equal partition they have only two other empty vessels, whereof one containeth Five Gallons, and

*the other three; the question is, how they shall
exactly divide the Wine by the help of these three
vessels?*

First, from the vessel which containeth eight gallons,
and is full of Wine, let five gallons be poured into the
empty vessel of five, and from this vessel so filled let
three be poured into the empty vessel of three, so
there will remain two gallons within the vessel of five.
Then let three gallons which are within the vessel of
three be poured into the vessel of eight, which will now
have six gallons within it: that done let the two
gallons which are in the vessel of five, be put into the
empty vessel of three, then of the six gallons of Wine
which are within the vessel of eight, fill again the five,
and from those five pour one gallon into the vessel of
three, which wanted only one gallon to fill it, so there
will remain exactly four gallons within the vessel of
five, and four gallons within the other two vesssels.
This question may be resolved in another way, but I
leave that as an exercise to the wit of ingenious
readers.

The Magic Bottle.

Take a small bottle, the neck of which is not more
than the sixth of an inch in diameter. With a fun-
nel, fill the bottle quite full of red wine, and place it
in a glass vessel, similar to a shew glass, whose height
exceeds that of the bottle about two inches; fill this
vessel with water. The wine will shortly come out