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The young man's book of amusement

Halifax, 1848

How to Make a Peg that will exactly fit Three different kinds of Holes

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heated—thus : Dissolve salt of tartar, clear and dry, in a sufficient quantity of river water.

With this ink, take a brush and trace over the trees and fields of a print that represents the dreary aspect of winter, observing the usual rules of perspective, to make some parts deeper than others, according to their distance, leaving the remainder of their natural colours. Then put the print into a frame with a glass, and cover the back with paper that is pasted only at the extremities.

When it becomes desirable the picture should change, a solution of violets or tansies, must be passed over the greens, and the picture be exposed to the warm rays of the sun : all the grass and foliage will then turn to a pleasing green. But if a yellow tint be given to some parts of the print, before the sympathetic ink is drawn upon it, different shades will be produced, and the scene that a minute before represented winter, be changed into spring. Place the picture in the cold, and winter re-appears ; but admit the sun, or the heat of fire, it is then driven away once more, and this may be often repeated.

How to Make a Peg that will exactly fit Three different kinds of Holes.

Let one of the holes be circular, the other square, and the third an oval ; then it is evident, that any cylindrical body, of a proper size, may be made to pass through the first hole perpendicularly ; and if

its length be just equal to its diameter, it may be passed horizontally through the second, or square hole; also, if the breadth of the oval be made equal to the diameter of the base of the cylinder, and its longest diameter of any length whatever, the cylinder, being put in obliquely, will fill it as exactly as any of the former.

Mutual Exchange of different Liquors in two Bottles, without using any other Vessel.

Two bottles having been procured as nearly equal as possible, both in neck and belly, let one be filled with wine, the other with water. Then clap the one that is full of water dexterously upon the other, so that the two necks shall exactly fit each other; and as the water is heavier than the wine, it will naturally descend into the lower bottle, and make the wine ascend into its place; but it must be observed, that the wine, by this experiment, will be considerably altered, both in taste and quality; and, therefore, if this be thought too expensive, the same thing may be done with any other two liquors of different specific gravities.

To extinguish Ladies' Clothes, catching Fire.

We often hear, and read in newspapers, when one of those deplorable accidents has happened, which

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