

Scientific and Useful.

RELIEF FOR INFLAMED EYES.—Take old muslin and make a pouch to fit the eye, and fill with flour; bind this on the eye. It does me more good than anything I ever tried.

TO GET RID OF RATS AND MICE.—Cut old cork into thin slices and fry them in a pan after it has been used for frying meat. Place these pieces of fried cork around where the vermin will find them, and all will be destroyed; for they eat them voraciously.

PILLOWS IN THE SUNLIGHT.—Do not put your pillows of feather in the sun to air, but in a shady place with a clear, dry wind blowing over them. If it is cloudy, but not yet damp, and the wind strong, it is all the better. This if practised often, keeps well cured feathers always sweet. A hot sun on the best of feathers will turn them rancid.

SPONGE CAKE.—A. L. R., Cochran, Ind., sends the following: "Five eggs, whites and yolks beaten separately; one goblet of flour, one goblet of sugar, and two tea-spoonfuls of baking-powder." Mrs. H. C. Klingel gives the following: "Two cups of white sugar; two cups of sifted flour; one-half cup of water; four eggs beaten separately; two tea-spoonfuls of baking powder; best sugar and yolks of eggs beaten together; thoroughly mix baking-powder in flour, and add whites of eggs and flour last—a little of each until all is used."

A FRAGRANT STOMACHIC.—The well-known fragrant garden favourite, the sweet-scented or lemon verbena (*Lippia citriodora*), seems to have other qualities to recommend it than those of fragrance, for which it is usually cultivated. The author of a recent work, entitled "Among the Spanish People," describes it as being systematically gathered in Spain, where it is regarded as a fine stomachic and cordial. It is either used in the form of a cold decoction, sweetened, or five or six leaves are put into a teacup, and hot tea poured upon them. The author says that the flavour of the tea thus prepared "is simply delicious, and no one who has drunk his Pekoe with it will ever again drink it without a sprig of lemon verbena." And he further states that if this be used, one need "never suffer from flatulence, never be made nervous or old-maidish, never have cholera, diarrhoea, or loss of appetite."—*Scientific American*.

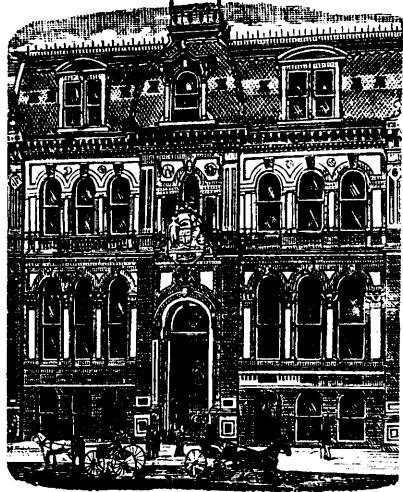
A SECRET ART DISCOVERED.—The Chinese process of welding cracked cast-iron wares with molten iron is thus described in the "Iron Age": "In the case, for example, of a cast-iron pan requiring such treatment, the operator commences by slightly breaking the edges of the fracture with a hammer, in order to enlarge the fissures, after which the fractured pieces are placed and held in proper positions by means of wooden braces. The pan being ready, a clay crucible, charged with pieces of iron, is laid on ignited charcoal in a small portable furnace of sheet-iron, provided with a horizontal bellows. As soon as the iron in the crucible is melted, it is poured on a layer of partly-charred husks of rough rice, spread on a pad of folded cloth, to prevent the sudden cooling of the metal. While yet liquid the metal is forced with a jerk into the fissures, and a paper rubber is pressed over the protruding metal inside the vessel, making a strong and thorough job."

CAUSES OF SUDDEN DEATHS.—Very few of the sudden deaths which are said to arise from disease of the heart, do really arise from that cause. To ascertain the real origin of the sudden deaths, an experiment was tried and reported to a scientific congress at Strasburg, Germany. Sixty-six corpses of sudden death were made a subject of thorough post-mortem examination; in these cases only two were found who had died from disease of the heart. Nine out of the sixty-six had died of apoplexy, while there were forty-six cases of congestion of the lungs; that is, where the lungs were so full of blood that they could not work, there not being room enough for sufficient amount of air to support life. The causes that produce congestion of the lungs are: cold feet, tight clothing, costive bowels, sitting still until chilled after being warmed with labour, a rapid walk, going too suddenly from a close room into the air, especially after speaking, too hasty walking, or running to catch a train. No person of fifty years should run, except in a dangerous emergency. These causes of sudden death being known, an avoidance of them may serve to lengthen many valuable lives, which would otherwise be lost under the verdict of heart complaint. That disease is supposed to be inevitable and incurable, hence many do not take the pains they should to avoid sudden death, if they knew it lay in their power.

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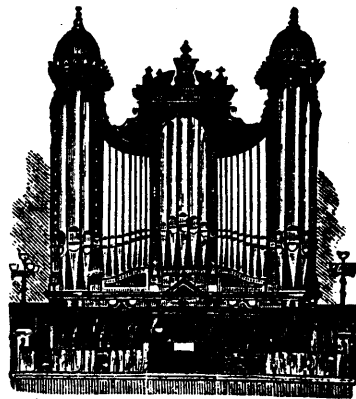
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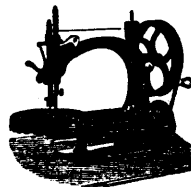
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