

are selected, and the sand removed from the cavities by shaking; they are then washed in hot water, and, after squeezing out the water, are placed in a bath of dilute hydrochloric acid, and allowed to remain for half an hour. They are then taken out, and, after another washing in hot water, are placed in a fresh bath of dilute acid, to which has been added six per cent. of dissolved hyposulphite of soda, and there allowed to remain twenty-four hours. The sponges are finished by washing in water, and drying.—*Medical Record.*

Chemical Weather Glass.

A good weather guide is made by placing in a glass tube or narrow phial two drachms of camphor, a half drachm of pure saltpetre, a half drachm of muriate of ammonia, and two ounces of proof spirits. In dry weather the solution remains clear; on the approach of a change minute stars will rise up in the liquid, and stormy weather is indicated by great disturbance.

New Remedy for Toothache,

The *Lancet* says toothache can be cured by one drachm of collodion to two drachms of Calvert's carbolic acid. A gelatinous mass is precipitated, a small portion of which, inserted in the cavity of an aching tooth, invariably gives immediate relief.

Camphor Ice—No. 1.

Take of—
Spermaceti, 4 oz.
White wax (pure), 8 "
Oil of sweet almonds 1 pint.
Melt together by a gentle heat, add, of
Camphor (in small pieces) . . . 4 oz.
When dissolved stir until partly cold, and add essential oil of bitter almonds and expressed oil of mace, two fluid drachms, and pour into moulds.—*Pharmacist.*

Camphor Ice—No. 2.

Take of—
Hard, clarified mutton suet, . 8 oz.
Spermaceti,
Wax, of each ½ "
Camphor, 1 "
Proceed as before.—*Ibid.*

Extract of Lime Juice and Glycerine.

Take of—
Olive Oil (best),
Lime water, of each 4 oz.
Oil of lemon, 1 fl. dr.
Mix.—*Ibid.*

Leather Varnish (French.)

Shellac 14 grammes.
Turpentine Vernice 5 "
Alcohol 40 "
Ext. Logwood 1 "
Potas Chromate q. s.
Dissolve the potash and ext. logwood with a little sulphate of indigo in the spirit, and add the other ingredients.

Ingrowing Toe Nail.

Dr. Babb (*Medical Times and Gazette*) has used "with uniform success" in ingrowing nail, a saturated solution of the persulphate of iron. Success depends upon the thoroughness with which a bit of cotton saturated with it is insinuated between the nail and the fungous flesh, the cotton being also turned back over the flesh on the outside.—*Scientific American.*

New Test for Blood Status.

Upon the authority of the *London Lancet*, an important test for blood had been discovered in Austria; consisting of the application of tincture of guaiacum and ozonized ether, which produces a beautiful blue tint with blood or blood stains. The test is excessively delicate; and we happened to be present at a lecture given by Mr. Bloxam, in which he showed some experiments with it, and added that, in the case of a blood stain twenty years old, he had extracted a single linen fiber with an almost inappreciable amount of stain on it. The characteristic blue colour was immediately induced by the test, and readily detected by microscopical examination. The testimony of so able a chemist leaves no doubt as to the value of the discovery. Ozonized ether, we may remark, is merely a solution of peroxide of hydrogen in ether.

M. Argago was the first to observe that a wire, when traversed by a powerful current, and plunged into iron filings, retained around it considerable quantity—a mass of the thickness of a quill.

Notes and Queries.

PRESERVATION OF GARLIC.—In answer to the inquiries made on this subject in the September number of the *JOURNAL*, we may say that the same query was proposed by the American Pharmaceutical Association, and was answered by A. P. Sharp, *Proc. Am. Pharm. Assoc.*, 1864. The plan proposed is the following. Collect, at the proper season, the quantity required; remove all superfluous leaves, stems, &c.; place the garlic in well-stopped bottles, and pour upon it a small quantity of alcohol—about two ounces to a quart jar. The vapor of the alcohol is absorbed by the bulbs, entirely destroying their vitality; hence all tendency to germinate is destroyed, and on this the preservation principally depends. The author says that garlic treated in this manner has been kept for years, and at the same time its virtues have been maintained to the last, as far as indicated by either taste or smell.

Changes.

A. V. Palmer, late manager of the business of Alexander & Co., Barrie, has commenced a new business, under the style of A. V. Palmer & Co., Barrie.

DESTRUCTION OF THE DISTILLERY OF GOODERHAM AND WORTS BY FIRE.—Our readers are, doubtless, by this time, aware of the above event, we may, however, say, that it is the hope of the enterprising firm, to resume business in the course of three or four months. At the present time, some four hundred men are at work removing the debris, and it has been found that the injury done to the walls is not so great as was at first supposed, and that the upper stories only will require rebuilding.

Trade Report.

During the past month trade has been such as to merit no special remark, being, on the whole, quiet, but varied occasionally by great activity for a day or two.

The destructive fire at Messrs. Gooderham & Worts' distillery has had the effect of raising the price of Alcohol very materially, and quotations for that article cannot be given with any degree of certainty.

The supply of Sulphuric Acid has also been affected by a like catastrophe having taken place at the chemical works in London. This, with a rise in the United States market, together with other causes, induces holders to be very firm in making sales.

Those articles which are in favor or the buyer on last month's quotations are Bismuth and its preparations, Camphor, Socotrine Aloes, Oil Lavender, English, Oil Peppermint, E. I. Rhubarb; and Castile Soap, Opium, and Morphia are quoted much lower, but the downward tendency has been stopped, and they have since advanced slightly. Those articles which are against the buyer are Alcohol, Vanilla Beans, Hyosciamus and its preparations, Gum Tragacanth of all grades. Quinine is tending upwards, having advanced 1d. per oz. in England, quotations here being unchanged.

In Dyestuffs we quote Magenta Crystals considerably lower; all other kinds remain firm.

The high price of American exchange will seriously affect the price of Dyestuffs, Naval Stores, and all other cheap goods usually bought in the American market.

NOTE.—The notes quoted in our price list are constantly varying, and are intended to show the limits within which a retail druggist should supply himself. The range of prices is caused by the difference between cash and credit, whole packages and smaller lots, and, in some cases, difference of quality.

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HANDKERCHIEF Extracts, Jockey Club, Frangipanni, Patchouly, West End, Musk, Spring Flowers, Mignonette, New Mown Hay, Sweet Pea, and all the popular scents.

Extra Quality.—6 oz. Octagon Cut; 3 oz. Octagon Cut; 1½ oz. Plain, stoppered.

Best Quality.—1½ oz. Plain, stoppered.

No. 1 Quality.—1½ oz. Squat Cork'd; 1 oz. Stone Jug; 1 oz. Glass Jugs; ¾ oz. Panel; ½ oz. Squat; ½ oz. Squat; ½ oz. Oval; ¼ oz. Squat

Hair Oils, Pomades, Tooth Washes, Tooth Powders, Colognes, Lavanders, Sachets, Camphor Ice and Roll, Toilet Vinegar, Milk of Roses, etc., in all the popular styles.

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