

### New Patents.

Amongst the recent patents issued from the U. S. Patent Office are the following which are of interest to the drug trade:

No. 523,853.—Stopper for Hot Water Bags. Dennis B. Martin, New Haven, Conn., assignor to the Seamless Rubber Company, same place.

A screw-stopper for water-bags, consisting of a spun sheet-metal body having its inner end closed, and its outer end open, and formed with screw threads, and with an annular recess, located between its screw-threads and its closed inner end a sheet-metal cap applied to the open outer end of the body, a handle secured to the cap, and an annular packing-washer located in the recess of the body.

No. 523,925.—Urinal. August Sahlstrom, Minneapolis, Minn.

A concealed urinal, portable with the person, consisting of a flexible tube depending inside the trousers and provided with a pair of suspending devices attached one above the other, the one below the mouth of the tube for forming a fold to close the tube at its upper end and raising the tube at its lower end, when suspended thereby.

No. 526,353.—Vaginal Syringe. Jessa M. Lamb, Moorland, and Jonathan C. Hardesty, Millville, Ind.

The combination in a vaginal syringe embracing a main body, a fixed shield on one end of the main body, and a detachable and dilatable elastic reversed shield.

No. 526,501.—Water Bag and Food Warmer. Annie M. Plummer, Glencoe, Ill.

In a combined hot water bag and food warmer, the combination with a main water-tight receptacle for hot water, of a pocket attached to the outside of the receptacle and adapted to receive the food to be warmed.

No. 526,880.—Combined Bottle-Stopper and Syringe. Walter F. Ware, Camden, N. J.

A combined bottle-stopper and syringe, formed of a single piece of soft rubber and comprising a bulb, a conical nozzle, and a neck portion situate between the nozzle and bulb, the neck portion having a tapering exterior and adapted to form a bottle stopper, there being on the periphery of the neck portion a groove extending from a point below the junction of the nozzle with the neck to a point on the neck above the line of junction.

No. 526,932.—Teething-Ring. Martin L. Metzger, New York, N. Y.

A teething ring, the same consisting of a stem bent upon itself to form two opposing and contracting members, a transverse aperture being made at the lower portion of the stem and at the lower portion of the space between the members, annular ribs formed on the opposite end of the stem, a ring passed through the aperture in the stem, and a nipple located on the end having the ribs.

No. 526,452.—Syringe.—Comegys C. Lushy and Charles H. Richardson, Philadelphia, Pa., assignor to the S. S. White Dental Manufacturing Company, same place.

A syringe adapted to heat the contents

thereof which consists of an elastic bulb partly surrounded by a metallic shield, having a screw fitted delivery tube-carrying electric conductors extending within it and terminating near the end thereof in the resistance piece adapted for generating heat, and suitable conducting devices whereby a current may be sent through the resistance piece at will.

### Differentiation of Olive and Sesame Oils.

Franz Musseb gives the following, in the *Pharmaceutische Centralhalle*. Into a test-tube of 15 cm. capacity, put 8 to 10 gm. of the oil to be tested, and add 10 cgm. of dried phosphorus. Close the tube and dissolve the phosphorus, by the aid of heat, in a water-bath. Let cool, replace the cork in the test-tube with a plug of lint cotton and set aside in a place where the oil will not congeal. At the end of twenty-four hours, if the oil is pure, whitish opaque streaks will appear through the body of the same, which, in another day, will settle and form a transparent yellowish-brown ring or cup, covering the bottom and sides of the test-tube. If oil of sesame be present to the amount of 10 per cent. at the end of the first day the white streaks will form, apparently as in the pure oil; but closer observation will detect a decided tinge of yellow among them, and at the end of second day all will have become yellow, which subsequently becomes brown. The rapidity of the color change depends directly upon the amount of adulterant present. If, for instance, there be 50 per cent of sesame oil present, a deep brown ring will show itself within from twenty-four to forty-eight hours. The author gives, as a further test, the following: Into a tube of the phosphorized oil let fall a single drop of wood tar, and add 2 ccm. of ammonia. The tube is then agitated, and if the oil be pure no color change will be noted, but if sesame oil be present, a brownish color develops, the depth of which depends upon the amount of adulterant.

### New Remedies.

(Continued from page 275.)

*Hæmatogen* is a derivative of iron albuminate, very similar to ferratin. An alkaline solution of iron albuminate is precipitated with iron citrate and acetic acid, and the resulting body is a yellow powder containing 7 per cent. of iron. It is easily soluble in alkalis. *Gaduol* is an alcoholic extract of cod-liver. *Lubordin* is merely a synonym of analgene. *Papoid* is the dried juice of *Carica papaya*. *Lactol* or lacto-naphthol is the lactic ester of naphthol. *Salautol* is a combination of acetone with salicylic acid, and is very similar in its action to salol. *Chromogen* is the acid sodium salt of di-oxy-naphthol-sulphonic acid. *Iodopheno-chloral* is a mechanical mixture of equal parts of tincture of iodine, phenol and chloral hydrate. It is a brown solution.—*British and Col. Druggist.*

### Appendicitis.

Have you got the new disorder?  
If you haven't 'tis in order  
To succumb to it at once without delay.  
It is called appendicitis,  
Very different from gastritis,  
Or the common trash diseases of the day.

It creates a happy frohe,  
Something like the winter colic,  
That has often jarred our inner organs some.

Only wrestles with the wealthy,  
And the otherwise most healthy,  
Having got it, then your nigh to kingdom come.

Midway down in your intestine,  
Its interstices infestin',  
Is a little alley, blind and dark as night;  
Leading off to simply nowhere,  
Catching all stray things that go there,  
As a pocket it is simply out of sight.

It is prone to stop and grapple  
With the seed of grape or apple,  
Or a soldier button swallowed with your pie.  
Having levied on these chattels,  
Then begin eternal battles,  
That are apt to end in mansions in the sky.

Once located, never doubt it,  
You would never be without it;  
It's a fud among society that's gay,  
Old heart failure and paresis  
Have decamped and gone to pieces.  
And dyspepsia has fallen by the way.

Then stand back there diabetes,  
For here comes appendicitis,  
With a brood of minor troubles on the wing;  
So, vermillion, here's hoping  
You'll withstand all drastic doping,  
And earn the appellation, "Uncrowned King."

—Therapy.

### The Photogram.

The *Photogram* for November, contains a pictorial record of the photographic exhibition and is an excellent number both in regard to illustrations and matter of interest to the amateur as well as the professional photographer.

This journal has come rapidly into the front rank of its class, and has reached a circulation quite marvellous in such a short existence. Published by Dawborn & Ward (l'd.), Farrington Ave., London, E. C., England. Subscription price, \$1.10 per annum.

Twice as many women as men are afflicted with neuralgia.

In consequence of the war between China and Japan, the price of opium has advanced over thirty per cent. during the past month.