

# SELLING OUT

We have just received a number of Ladies' and Girls' Coats which were ordered previous to the time that we decided to sell out, and in order to clear them out at once we are selling them at

## 20 PER CENT. DISCOUNT

These Coats are all the newest styles. See them while the assortment is large.

We have also a large assortment of Ladies', Men's and Boys' Sweater Coats to be cleared out at a large Discount.

# TERRILL BROS.

### THE ICEBERG DANGER

New Devices for Warning Ship of Approaching Danger

Since the terrible Titanic disaster, scientists and engineers have devoted much time and attention to devising means by which ships may detect the vicinity of icebergs. The old method consisted of lowering a thermometer into the water when the iceberg zone was being approached, the distance of the icebergs being judged according to the temperature of the water in the vicinity.

Since the increase in the speed of big liners, however, this method has been found to be quite inadequate, being neither safe, quick, nor accurate. One of the most reliable inventions for detecting icebergs at sea seems to that of Dr. Coplans, of the University of Leeds, who invented an apparatus which detects the presence of icebergs by giving readings of the saline contents of the water. The nearer an iceberg is to the ship the less is the amount of salt held in solution in the water. The Canadian Government assisted Dr. Coplans in his investigations.

Another invention of which high hopes are entertained is what is known as the microthermometer, an instrument enabling very much closer readings of the temperature of the water to be obtained than is possible with an ordinary thermometer. It is also self-recording.

Submarine signalling, too, for the prevention of disasters in foggy weather, is also being closely studied by experts, for it is recognized that there is much room for improvement in the signalling apparatus used at the present time on board ship.

The modern system of submarine signalling consisted of bells sunk in at least 20 feet of water, operated by electricity or pneumatic or hydraulic pressure. It is said that a submarine bell can be heard at a greater distance than any fog-horn, siren, or any other generally used air signal or device, and it is recorded that one of these bells was heard at a distance of from ten to fifteen miles.

The receiving apparatus is very simple, consisting of two cast-iron tanks, which are placed below the water-line on either side of the ship's bows and in contact with the shell of the ship. In each tank is the microphone, which is connected by an electric telephone system with the bridge. There the navigating officer has suitable receivers and switches which enable him to listen on either side of the ship. If he alters the course of the ship on hearing the bell so that the intensity of the sound is equal on both sides of the ship then the bell lies straight in front, and according to the intensity of the various sounds he is able to avoid danger.

### HOW TO DOCTOR WOUND ON HOOF

Cleanliness and Antiseptic Treatment as Necessary for a Horse as for a Man

Nature often repairs wounds on the horse's hoof without help from man. All man can do is to assist nature; but often he hinders the reparative process, and sometimes his interference is positively harmful. This is so when he soaks an injured foot in an old, dirty tub and forgets to change the water each time it is used. The foul soaking tub is a veritable abomination. It should be accounted a relic of barbarous days not to be used by modern man.

This advice refers especially to the treatment of a nail-puncture case. It may, however, be admissible in some cases to treat sores of the coronet, or suppurating corns, by soaking in a tubful of antiseptic solution.

The average poultice also is an abomination, and positive damage in many a case. This certainly is so as regards the cow-dung poultice. Germs teem and multiply in it, and these germs induce pus or possibly may cause tetanus (lockjaw). Any hot, moist poultice in which an antiseptic is not mixed will harbor and grow noxious germs. If a poultice of any sort is used, it should be made up with a solution of a good disinfectant or germ-killer.

Modern treatment seldom employs a poultice in the nail-prick case. When a nail has been found and removed, the horseman often is contented to pour some turpentine on the wound and allow the opening to close. Germs may be retained, and in the absence of air they may cause tetanus; for the tetanus germ can live and grow only in the absence of oxygen. The right way to handle the case is to remove the shoe, cleanse the hoof thoroughly with soap and hot water, pare away all soiled horn of the sole and rinse it off with a 1-500 solution of corrosive sublimate (bichlorid of mercury) or five per cent. solution of coal tar disinfectant, lysol or carbolic acid.

Then cut down upon the puncture with a sharp, sterilized hoof-knife, removing enough horn to expose the wound and allow blood, serum or pus to escape. When this has been done the wound should be well swabbed with the 1-500 solution of corrosive sublimate and at once covered with a mixture of one part of iodoform and seven parts of boric acid, fresh absorbent cotton and a clean bandage, to be covered in turn with a square of clean gunny sacking, held in place by a strap around the pastern.

If there is objection to the strong odor of the iodoform mixture, substitute one part each of calomel and subnitrate of bismuth and six parts

of boric acid as a dry dressing powder. Renew the dressing daily. Often the treatment will lead to a speedy and perfect recovery. If a fungus-like growth comes down through the wound in the sole, add an equal part of powdered alum to the dressing powder, and cover the dressing with a wad of cotton to cause pressure.

If joint oil (synovia) flows like liquid from the wound the synovial bursa has been opened by the nail. Such a serious case should have the immediate attention of a skilled veterinarian.—Farm and Fireside.

### ROLL SAMPLE CASE

Samples Take up Little Room and do not Become Mussed

An ingenious case for dress goods and other fabric samples has been designed. It rolls up closely and makes a compact bundle, yet the samples are not wrinkled or mused in the process. A long piece of flexible material has a series of narrow straps removably attached at intervals along its inner surface. A number of clips form sample attaching elements, and these are



SAMPLES EASILY REMOVED.

removably fastened to the straps. The clips, for example, are run through a bunch of fabrics and hooked onto the straps. The bunches are mounted in the case in transverse rows, with room enough between them to permit of the free and smooth rolling of the strip without wrinkling or creasing the goods. If the salesman desires to remove any particular bunch of samples for closer inspection he can do it—and replace it—instantly.

### How to Bleach Celery

To bleach celery without the constant labor required to heap soil about it as it grows a bright gardener invented strips of webbing, supported by large wire staples, to be placed about the growing plants.

### Huge Pipe Organ

One of the world's largest church organs is an electrical instrument at Hamburg, which has 12,173 pipes, some of which are 37 feet long.

### Helps the Dentists

Apparatus delicate enough to measure the roughness or softness of the enamel of the teeth, even in their slightest stages, has been invented.

Montreal's total debt, if divided up equally among its population, would leave everyone in the city in debt to the extent of \$113.

### WHICH SCHOOL SHALL I ATTEND?

An important question. All business colleges are not alike. Careful judgment is absolutely necessary. Write to-day for the catalogue of the

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