

A Sprain or Cut calls for quick treatment. Don't try experiments. You are safe and sure with the old, reliable

## JOHNSON'S ANODYNE Liniment

The  
101 Year  
Old  
Liniment

Parsons' Pills  
Best laxative.  
Tone the  
System.

Used over 100 years for Rheumatism, Swellings, Stiff Joints, Wounds. Used inwardly for Colds, Sore Throat, Croup, Bowel Troubles. 25c and 50c Bottles. At all Dealers. L.S. JOHNSON & CO., Boston, Mass.

Fund \$1,500,000.

May Reach \$2,500,000 in Great Britain Alone

London, April 30.—The "Titanic" fund, including those collected in Canada and the United States, now aggregates well over \$1,500,000. The suggestion has been made that sufficient money has been subscribed, but the mayor of Southampton states that a large number of people are needy at that place, and he wants the collection to continue.

It will be surprising if the amount eventually reached \$2,500,000 on this side. There are still the proceeds of numerous theatrical and musical performances to come, and most of the incoming steamers are bringing in additional funds which have been collected on the passage. A benefit performance on the "Mauretania" realized \$3,200. The "Kaiserin Auguste Victoria" brought \$1,070.

Affecting scenes were witnessed at Southampton on the arrival of the stewards and stewardesses who escaped in the disaster.

### Bodies Swept Into Gulf Stream, Is 'Minia's' Message

New York, April 30.—The White Star Line made public to-day a wireless telegram received by the Halifax agent of the line from the Western Union Cable ship "Minia" now searching for bodies of those who died in "Titanic" disaster. The message is dated last midnight, and reads as follows:

"If bodies afloat, believe late north gales swept them into Gulf stream and carried many miles east. Have searched to longitude 48.20, between latitude 41.20 and 41.50, and have recovered one body to-day. Total, fourteen. Two unknown buried at sea, and believed on board mostly of crew. Last two, C. Howell, steward; L. A. Cartwright, underclothing marked H. C. 145, apparently steward."

### THE MAY ROD AND GUN

Every sportsman interested in the welfare of Canada's fish and game resources should read the May number of Rod and Gun in Canada published by W. J. Taylor, Limited, Woodstock, Ont., which contains the first chapter of the Final Report of Mr. Kelly Evans of the Ontario Game and Fisheries Commission. Mr. Evans has spent two years in the preparation of this report and the information contained therein and the recommendations which Mr. Evans makes as to a broader policy of administration should be read by every sportsman. "An Ideal Canadian Holiday" will appeal to those who already have visions of a summer outing. Trap-shooters will find their interests particularly well looked after in this month's issue which contains in addition to the usual department news and scores a specially illustrated article by "Canuck" on the Easter Inter-Club-Shoots between Montreal and St. Hubert clubs.

### Straight Talk On Danger of Colds

Let your cold gain headway and you can't keep it from running into Catarrh.

Catarrh never stays in the same place—it travels down into the lungs, then it's too late!

Drive colds and catarrh right out of your system while you have the chance.

Easily done by inhaling Catarrh-ozone, which instantly reaches the true source of the trouble, gets right where the living germs of catarrh are working.

### •Catarrh-ozone

A Convenient Inhaler Treatment is the Proper Remedy to Cure.

You see, Catarrh-ozone is simply healing balsams and rich, pure essences, and is able to patch up the sore spots and remove that tender, sensitive feeling from the nose and throat.

Hawking and spitting cease, because the discharge is cured. The nostrils are cleared, headache is relieved, breath is purified. Every trace of catarrh, bronchial and throat weakness is permanently cured.

Two months' treatment, large size, price \$1, and guaranteed. Small size, 50c. All reliable dealers, or the Catarrh-ozone Co., Kingston, Ont.

### Varieties of Farm Crops Compared.

According to tests of many of the best varieties of farm crops, carried on at the Central and Branch Farms of the Dominion Experimental Farms system, some sorts of each class are much superior to others that by some are considered good. As a guide to the crop growers of Canada as to which varieties are most valuable, Bulletin No. 71 of the Central Experimental Farm has been prepared for distribution. This Bulletin gives selected lists of the best varieties for each province or district, the lists being based on the accumulated experience of past years. Among the newer varieties of merit, Marquis wheat, Manchurian barley and Arthur pea are especially mentioned. This bulletin of 74 pages deals not only with varieties of grain crops, but with those of fodder crops and potatoes as well. Copies may be procured by applying to the Publications Branch, Department of Agriculture, Ottawa, Ont.

### Last Survivor of Miramichi Fire

Chatham Gazette: The death occurred on Wednesday in the Hotel Dieu of Mrs. Margaret Carter, widow of Thomas Carter, aged 98 years. Mrs. Carter was born at Lower Newcastle in 1814 and was in her eleventh year at the time of the great Miramichi fire, in October, 1825. At that time the family were residing in South Esk and her recollections of the terrible fire were most vivid as their home lay directly in the path of the devouring element. The roar of the flames could be heard for miles and, swept by a hurricane of wind that has never been equalled since that day, the awful conflagration rushed on hundreds of homes and swept through miles and miles of forest and wilderness. The aged lady often told the story of that day's fight against the fearfully disproportioned odds, in an effort to save the home. She helped carry pail after pail of water and in this case the struggle against the all-conquering monster was crowned with success, for when the flames had passed at sundown the home at least had been saved from their clutches, and the struggle for existence could begin again with a roof at any rate above their heads. Another of the countless incidents of that day Mrs. Carter had from first hand knowledge, was the escape of her aunt while confined to her bed by a very serious illness. This lady was carried to the river bank and lay nearly all the day in the water. Mrs. Carter was perhaps the last survivor of that great fire and the fact that all her faculties were perfect up

to within a year ago, made her recollections of the olden times of much interest and importance. She never wore a pair of glasses in her ninety-eight years and her memory was particularly excellent.

### Protests Against Closing of Dardanelles

LONDON, May 1.—The blowing up of the steamer Texas has brought the Dardanelles into greater prominence, but has not caused a rise in rates of insurance, or war risk rates, to the Dardanelles and Black Sea, as it is regarded as an isolated case due to a mine breaking loose.

Both the Italian and Turkish ambassadors had an interview with Sir Edward Grey at the Foreign office, and it is understood that the Turkish ambassadors stated that an additional reason for keeping the Dardanelles closed was that the Italians had cut the telegraph line and no information could be obtained as to the whereabouts of the Italian fleet.

Sir Edward also received a deputation from the chamber of shipping protesting against the serious injury to British interests which the closing of the Dardanelles involved. The secretary, in reply, explained that it would be difficult for Britain to bring pressure on the other powers in connection with their conduct of warlike operations, but he would telegraph to Rome and endeavor to secure, at least, a temporary re-opening of the Dardanelles for commerce.

It is announced from Constantinople that the council of ministers will reconsider the question to-day.

ST. PETERSBURG, May 1.—The various chambers of commerce have petitioned the Russian government to demand compensation from the Turkish government for Russian losses by reason of the closing of the Dardanelles.

### Two Killed And One Fatally Injured

ST. JOHNS, Que., May 2.—Two men were killed and one fatally injured when, late yesterday afternoon, the Delaware and Hudson 26 crashed into an express wagon driven by Mr. Alex. Payette, Chas Payette, his eight year old son, and Frank Gamache were with him. A freight train on the siding blocked the view. Alex. Payette was dragged some distance on the cow catcher of the engine. He died half an hour after his arrival at the hospital from a fractured skull. Charles Payette died in three-quarters of an hour, also with a fractured skull. F. Gamache has a broken back, also a fractured skull. His recovery is not expected. The boy will recover.

The aeronaut Bleriot, who arrived in New York Friday on the crack new French liner La France, predicts that the flight across the Atlantic will be made within two years.

Boston intends to preserve the artistic appearance of Copley Square, if possible. The transit commission has declined to permit the construction of any subway stations above the street level in the vicinity of the square because they would spoil its appearance.

### Family Physician Said Incurable

She was Cured Completely by Dr. Hamilton's Pills

### A Terrible Experience with Indigestion.

Another example of the marvelous merit of Dr. Hamilton's Pills comes from Kingston, where Mrs. E. V. Holton was snatched from the grave and restored to sound health by this wonderful medicine.

"Three weeks ago I was taken suddenly ill. My head throbbed and ached and I became so dizzy that I had to go to bed. There was a terrible feeling of weight and fullness in my left side and all the region of my stomach and liver was sore even to touch. I was in a terrible state—had no appetite, in fact I was afraid to eat because of the suffering I had to endure after meals. I got so bilious and had such pains across my eyes that I could scarcely see. My doctor said I had incurable indigestion.

"As a last hope I used Dr. Hamilton's Pills. I saw clearly they were doing me good and continued the treatment. My appetite and strength gradually returned—my color improved and day by day the stomach and liver derangements were less troublesome. All symptoms of biliousness and indigestion have now passed away. I am cured by Dr. Hamilton's Pills."

The same medicine that so wonderfully cured Mrs. Holton will cure anyone else of biliousness, constipation, indigestion, headache, poor color, and stomach trouble. Get Dr. Hamilton's Pills 10-day—refuse any substitute. 25c per box, or five boxes for \$1.00. By mail from The Catarrh-ozone Company, Kingston, Ont.

**AP** POUND OF GOOD COFFEE IS NOT only more economical than the ordinary cheap grades, but is an added pleasure to every meal.

**Seal Brand** is the best that can be produced.

**CHASE & SANBORN** MONTREAL

PACKED IN ONE AND TWO POUND CANS ONLY

### MANY MILES OF SODA

Right in the Heart of Africa is a Lake — Thirty Miles Square — of Soda Deposit Which Will Supply the World for Years To Come.

Forty million tons of the best washing material, supplied and manufactured by Nature, are waiting to be carried from Central Africa to the European markets, and an extension of the Uganda Railway is to be built from Ulu to Lake Magadi in order to effect this. Lake Magadi is not really a lake, but an area of thirty square miles of soda deposit situated in the heart of Africa.

Two expeditions have gone out into this soda lake region, which, though hot in the middle of the day, is declared to be quite healthy. It is in the midst of one of the finest big-game shooting areas in the British South African Protectorate. In ordinary times the lake has a perfectly level, hard, and dry surface, like that of a gigantic mass of ice, if a thirty-square-mile area can be imagined.

It appears that in the past it has been left to the Indians to remove soda from the lake. They cut out blocks, and what is called "Mother Liquid" spurts up and re-forms into solid soda, which they cut away next season. There is evidence that the soda in the lake is being continually augmented.

In addition to the many surface-springs discharging considerable quantities of soda into the lake, there are indications of large springs in the lake itself. On the removal of the soda already crystallized the "Mother Liquid," which takes its place at once, starts to re-form the crust.

It looks as if washerwomen can sleep comfortably in their beds for some years to come. So long as washing is provided for them, their soda shall be sure.

IN THE WORLD OF SCIENCE

### TESTING SUBMARINES

A New Invention by an Italian, Said to Solve the Problem of Testing Submersibles.

Through the inventive genius of an Italian marine engineer, a long forward stride seems to have been made recently in the construction of submarine boats. He has made it possible to do away with a large part of the hazard incident to the submergence of these under-water war vessels, hitherto one of the greatest stumbling blocks to submarine constructors. This inventor is Maj. C. Laurenti, formerly of the Royal Navy, and designer of the famous Laurenti submersibles. His latest invention is a type of testing dock for submarine boats which will overcome most of the perils and vexations attendant upon the deep-sea submergence trials necessary for all such craft. Maj. Laurenti's testing dock is a modified floating device of steel, which can be hermetically sealed after a submarine has entered it at one end. The dock is brought to the right floating condition, the end gate or door is swung out of the way, and the submarine under trial placed within in the proper way. The gate is then closed, and the entire space in the dock and around the vessel flooded.

### Telephone Communication.

Before this submergence, however, the examining officers enter the submarine and remain until the test is completed and the proper observations taken. By means of a telephonic arrangement they are kept in constant communication with the engineer in charge of the dock. Gauges are placed at fixed points inside of the craft which record pressures and the slightest change of form due to external stresses. When all is ready the water in the testing dock is subjected to pressure generally until the hydrostatic force acting upon the hull of the submarine at every external point is an exact equivalent of the pressure that would be exerted by the sea if the boat were down 200 ft., or more, as the case may be. The beauty of this whole arrangement is that the submarine does not have to be taken off shore to be tested and does not have to depend upon favour-

able weather conditions. There is no risk involved, and those inside the vessel can observe the conditions at every stage of pressure, the exact counterpart of submergence in the open sea.

### Watching the Pressure

By being in vocal communication with those in charge of the pressure pumps of the dock, the inspectors within the submarine can work with certainty and security. They can also see leaks, and trace them to their proper sources while incidentally watching the gauges marking the elastic yielding of the hull structure, if any take place, and the degree thereof. Up to the present the strength of these boats had been calculated by mathematical formulae, which are largely theoretical. The Laurenti testing-dock will show how far these formulae may be correct, and will, undoubtedly, indicate directions in which structural changes can be made to advantage.

### Mechanical Equivalent of Heat.

The mechanical theory of heat regards heat as a mode of motion, and investigation has shown that there exists a definite relation between those two forms of energy, which is known as the mechanical equivalent of heat, or Joule's equivalent. That is, if, as in the experiments of Joule, a certain known amount of mechanical energy be expended, as, for instance, by the falling of a weight to operate paddles in a vessel of water, the increase in temperature of the water, due to agitation by the paddles will always be found proportional to the work done. This relation or proportion is expressed by the amount of work necessary to raise the temperature of one pound of water at 32 degrees Fahrenheit through one degree at atmospheric pressure, or, in other words, impart one British Thermal Unit to the water. The heat necessary to raise the temperature of one pound of water from 62 degrees to 63 degrees temperature was found by Joule to be able to perform work equal to the raising of 772 pounds one foot in height. The latest experimental determination of Rowland shows that the exact value is somewhat higher than 772, and 778 is the value now usually accepted as the correct mechanical equivalent.

A monument has been erected at Pawnee rock in Kansas "in honor of the brave men and women who, passing over the old Santa Fe trail, endured the hardships of frontier life, and blazed the path of civilization for posterity."

A store in Omaha, 'Neb., gave away 20,000 small white birch trees on Arbor day, and a book of instructions with each one. It is believed that the birch will help Omaha to become the "city beautiful."

### INVALUABLE TO EVERY FARMER

Its Wonderful Power in Curing Sick Cattle and Colicky Horses Makes "Nerviline" Worth Its Weight in Gold.

The stockman or farmer that doesn't know of the thousand and one uses of "Nerviline" around the stable has a great deal to learn. "Why, I wouldn't think of locking my stable door at night without knowing I had a supply of 'Nerviline' on hand. I always get a dozen bottles at a time from my druggist. To cure colic, indigestion, and bad stomach in a horse or cow there is no remedy on earth in the same class as 'Nerviline.' Last summer I had a \$250 horse that got the scours, and I would have lost him if I hadn't been able to give him Nerviline. I poured a full bottle of Nerviline in a pint of water down his throat and saved his life. I know of neighbors who have saved many heads of valuable stock stricken with colic, just by using Nerviline. It is equally good as a rub-on liniment, and I know from my experience that for man or beast, internally or externally, 'Nerviline' is worth a dollar a drop.—James E. McCullough, Stock Breeder, etc."

You will not regret using Nerviline—but see you get it and not something else. 25c per bottle, or five for \$1.00, at all dealers, or The Catarrh-ozone Company, Kingston, Ont.

**Nerviline**  
Cures  
Colicky  
Horses