

Liverpool and Newfoundland

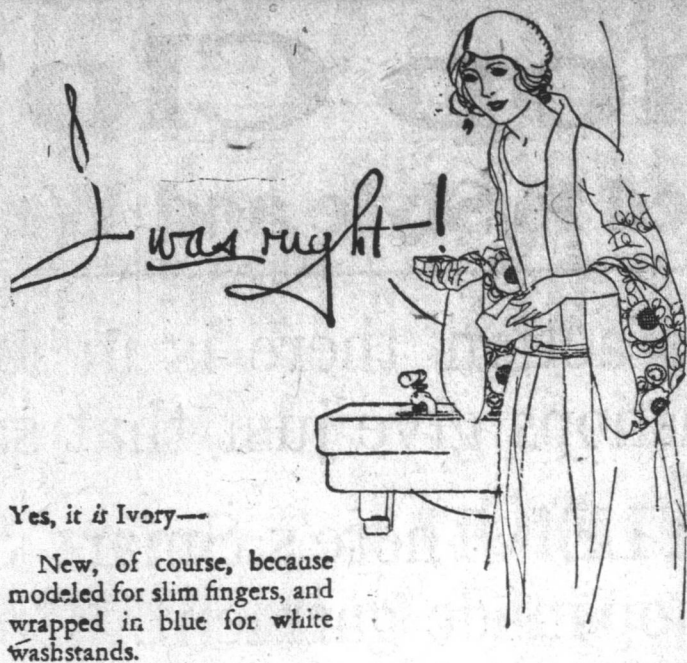
The Liverpool Journal of Commerce of June 23rd, 4th, contains two articles written by Mr. J. D. Henry on Liverpool and on Newfoundland; Early Historical Associations and Shipping Links. The Journal has the following reference to them in its leading article:

NEWFOUNDLAND'S NEW-FOUND PROSPERITY.

To-day we publish the first of two articles on important new shipping and industrial developments in Newfoundland. Bringing out a number of remarkable facts which are not generally known in this country, they conclusively prove Newfoundland's fast increasing prosperity in new spheres of shipping and industrial enterprise. The latest developments include the new hydro-electric power and pulp and papermaking industry, orders for oil-burning shipping, and the Government's plans for the improvement of the harbour, dock, wharfage, and railway facilities of the country. The feeling in Newfoundland has this year become one of justifiable optimism. These new plans and developments have almost obliterated the discouraging consequences of the graft revelations of a year ago, and the all-around improvement in trade and industry synchronises with Messrs. Sir W. G. Armstrong, Whitworth and Company's completion of the construction work, and the early start of operations for the manufacture of paper on the west coast by the Newfoundland Power and Paper Co., Ltd. The articles describe some of the most important but scarcely remembered pioneering inventions and successes of Armstrong, Whitworth and Co., in the many different branches of business in which they have engaged. They show that, starting with Lord Armstrong's inventions, they have been longer connected with shipping port water power construction than any other company. Probably no other shipbuilding company has engaged in so many different large scale businesses, or worked on so many scientific and mechanical inventions to increase power and improve construction. We are aware that pioneer achievements in the shipping branch of the oil industry are controversial, but it is, with a good show of authority, claimed for them that they built the first genuine out-and-out tank steamer, the Gluckauf. They were also among the first to devote attention to oil fuel mechanics. They have records for sheer length of experience, certainly in tank steamer building, and some of the earliest successes in experimental oil-burning. They hold the building records for a single year, for a twenty year period, and also from the start up to the present time in the matter of the number of tank steamers and the gross quantity of tonnage turned out. The facts, said by Mr. Henry, the writer, to be "severely abbreviated," constitute a new and most interesting story of Tyne enterprise, and we think he is entitled to claim that what is known as the "Humberarm proposition" in Newfoundland—probably the largest pulp and paper mills in the world—has a special attraction for Tyneside, because of the reputation of and the work done by Armstrong, Whitworth and Co., and also for Lancashire, which has so many old and new shipping business links with the oldest colony. Mr. Henry has made interesting records in oil field work, travel, and authorship. He has worked in or visited most of the oil fields of the world and between 1908 and 1912 he crossed the Atlantic in the first twin-screw tank steamer Iroquois, which tows the barge Navahoe, with a joint tonnage of nearly 22,000 tons of liquid cargo, and followed up this experience with three trips round the world. Before the war no one had written more works on oil, and his "Oil Fuel and the Empire" (1908) was a remarkably full and correct forecast of the oil fuel industry of the present time. A native of Tyneside, he started his career close to the Elswick and Walker shipyards of the Armstrongs, Whitworth Company, and it is an interesting coincidence that he now has interests on the west coast of Newfoundland, where the company has just finished the erection of the pulp and paper mills. Clearly, then, no one is better able to tell the story of the company's first pioneering achievements and connect these with their latest work in Newfoundland.

Body Fatigue Poison is Still a Mystery

That hard physical labor causes fatigue has been known for hundreds of thousands of years, yet the immediate cause of fatigue remains still a mystery. When, in comparatively recent times, physiological chemistry undertook to solve the problem by investigating the chemical processes taking place in the muscle tissue during strenuous work, it was found that the tone of the muscle tissue, slightly alkaline in a normal state of rest, becomes more or less acid after vigorous exertion, and that a number of chemical substances, believed to be waste products, are formed in the tissue during the period of muscular exertion. Lactic acid, the principal of these waste products, was for many

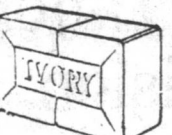


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years believed to be the immediate cause of fatigue.

It was found that animals that had had lactic acid injected into their muscles displayed all the symptoms of muscular fatigue, including a temporary falling of their body temperature. When it was discovered, however, that a much greater effect was produced by injecting, in place of pure lactic acid, liquid squeezed out of fatigued muscle tissue, the investigators were led to the belief that this liquid contained a specific fatigue toxin that had been formed in the tissue during muscular work.

Since then, however, F. S. Lee, a scientist who has made a special study of the fatigue problem, has succeeded in proving that the juice from thoroughly rested muscle tissue produced the same effect as that obtained from fatigued muscles, when injected into the muscle tissue of animals at rest. The presence of a specific toxin in fatigued muscle is therefore experimentally still unproved.

The best pie apple is supposed to be the Duchess.

The Sun and the Weather

Within a few years we may be able to tell months in advance that a cyclone is coming on a certain date, predict accurately storms at sea, and determine when the last frost of spring will appear. To make such long-range weather forecasting possible, an expedition led by Dr. Charles G. Abbot of the Smithsonian Institution is going halfway round the world. It will remain at some point in Asia or Africa for four years, taking daily measurements of the sun's heat.

Science says that all of our weather—rains, snows, storms, and droughts—has its origin in the slight variation of heat we get from the sun. Doctor Abbot, from work done at two desert stations, one in Arizona and one in Chile during the last few years, has shown that the amount of heat radiation from the sun varies with the number and position of sunspots. If the relationship of these sunspots with the temperature on the earth can be determined accurately enough, our methods of forecasting weather, it is said, will be revolutionized.

Claims Lying Caused Death of Petersen

W. T. R. PRESTON TALKS OF THE DEATH OF BRITISH SHIPPING MAGNATE.

Ottawa, June 16.—(By Canadian Press).—W. T. R. Preston, whose report to the Dominion Government charged that the North Atlantic Conference was a steamship conference operating in restraint of Canadian trade, told newspaper men here today that the death of Sir William Petersen, British shipping magnate, who died here last Friday, was caused by "damnable lying" cablegrams sent to the directors of his company by "agents of the shipping combine."

Mr. Preston and F. McGregor, Private Secretary to Premier King, accompanied the body, which left for England today.

"They killed him," Mr. Preston repeated. "They cabled lies to his directors that Sir William proposed going ahead with a contract for two years without any guarantee from the Canadian Government."

This was absolutely false, the contract was going through for a trial period of two years to see what results would be obtained. But there was never any question of Sir William going through with the scheme without any assistance from the Government.

"And that killed him. It was the last straw. He worried about it terribly, as he was unaccustomed to such outbreaks back home in England, where a man in public life is given at least some fair treatment."

"On the very afternoon of his death, as we sat chatting in his rooms, he told me of the arrangements he was completing to secure other vessels that would transport cattle to England and from Canada at \$15 a head."

"Sir William's death is a national disaster."

Mr. Preston expressed the belief that Sir William's assistants would go through with the tentative contract which was in its near-final stages when the sudden death of the shipping magnate suspended further consideration.

Household Notes

Peanut butter and tart jelly make a nice spread for the sweet sandwich. Add a little chopped, preserved ginger to fruit salad.

A little ginger improves canned pears for fruit salad.

Sewing scraps can be used to scour kitchen utensils.

Garnish meat croquettes with vegetables and plank.

Chopped nuts should be the last thing added to conserve.

Suggestions for Wedding Presents

To further the interests of the public in making selections, we have assembled all this class of goods in one department on the second floor.

Just take a walk through and see the largest and most varied stock ever displayed in St. John's.



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SILVER PLATED WARE

Tea Sets, Butter Dishes, Salad Bowls, Entree Dishes, Cake Stands, Cruets, Sandwich Trays, Bread Trays, Casseroles, Fruit Dishes, Marmalade Jars, Hot Water Jugs, Condiment Sets, Candlesticks, Ice Cream Stands, Jam Pot Holders, Salt and Pepper Shakers, Egg Stands, Jelly Dishes, Rose Bowls, Flower Vases.

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New Sounding Device Aids in Ocean Survey

Perfection of a new sounding device especially designed for speedy mapping of the ocean floor by means of echoes from the sea bottom, was announced recently by Dr. H. C. Hayes, U. S. Navy physicist and inventor of the sonic depth-finder and other submarine signaling devices.

The new apparatus will be given a rigorous test on the U. S. S. Dallas within the next few weeks and is expected to displace the larger and more costly machines now in use.

Surveys by means of the original sonic depth-finder were made by the battle fleet that was operating in the Pacific. These surveys are made in the ordinary course of the voyage and in the last year remarkable results have been obtained in many parts of the world.

A Rush for Precious Water

A rush like those of gold-prospecting days is taking place in France toward Estreys, a village so small that you can find it only on a large map. The object of the rush is far more valuable than gold to those flocking into the place. It is medicinal water. Government chemists recently reported that in this town no case of cancer

of tumor ever has been known. Investigation showed that the water used by the inhabitants for drinking and washing clothes was a mineral water containing extraordinary valuable properties.

When the water was analyzed, chemists were startled to find that it was the most highly radioactive water known to exist in the entire world. Invalids suffering with cancer are therefore seeing in it a possible cure, and are flocking into the little French town. The many strangers in Estreys give the town the appearance of a perpetual fair.



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Meets the requirements of those wishing an individual box of Rouge or Powder.
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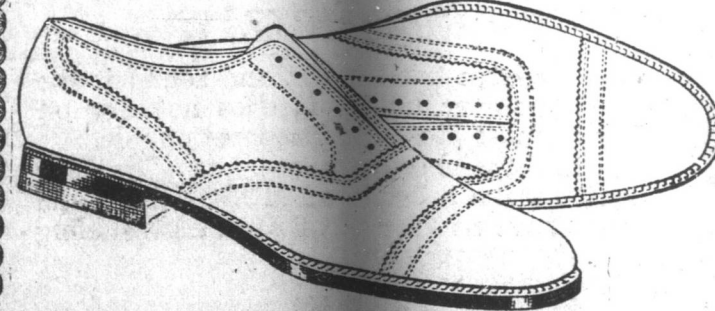
Danger in "Blues"

Getting the blues is a danger signal, just like a red flag on a railroad track, warns the National Committee for Mental Hygiene. That doesn't mean "Monday-morning blues," but prolonged mental depression, when a person is constantly depressed.

A study of 157 cases of suicide in Massachusetts recently, showed that almost one-third were the result of mental disease, and depression was an outstanding symptom in the cases.

If your friend is blue all of the time, don't advise him to "cheer up" or travel. That will do him no good if he really has a mental illness, say the committee. Diagnosis by a competent psychiatrist and intelligent hospital

Smart Dressy OXFORDS for Young Men



MEN'S SMART TAN OXFORDS—4.50, 5.50, 6.00, 6.50, 6.75 and 7.50 pair
MEN'S SMART BLACK OXFORDS—6.00, 6.50 and 7.50 pair

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218 and 220 WATER STREET.

care are the only means by which such a person can be helped toward a cure. Dissolved currant jelly gives a flavor to fruit punch. A tart jam to serve with meat made with wild grapes.



First Type of Four-Wheeled Carriage

A NEW sedan body of unusual beauty features the new Jewett. Rounded corners on body and windows, lower roof lines, deeply crowned fenders, add to the grace and beauty of this handsome motor car.

The interior appointments are complete and luxurious. High quality mohair upholstery over deep cushioned springs add to comfort and beauty. Every appointment is complete—arm rests, corner lamps, heater, handsome instrument board—are among the many fine appointments.

Larger balloon tyres add to the comfort as well as beauty. Four-wheel brakes, Lockheed hydraulic type, are optional at slight extra cost.

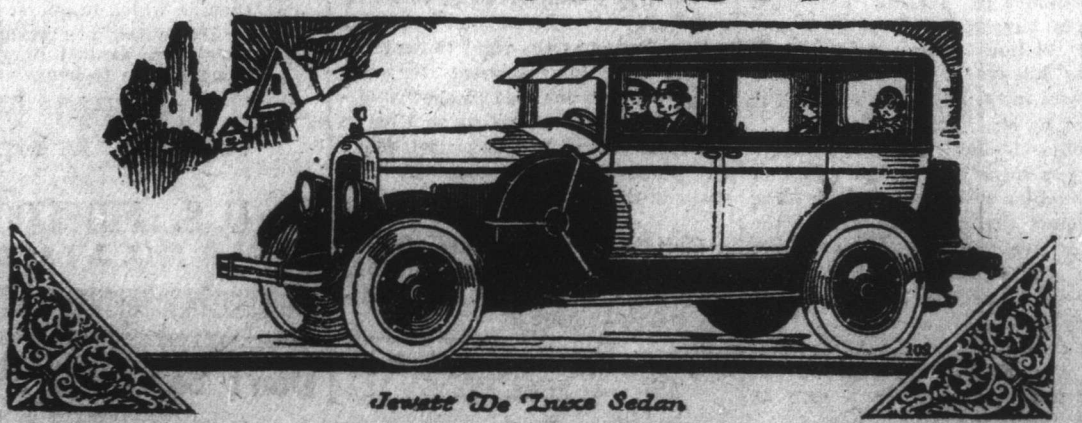
The Jewett De Luxe Sedan is finished in Nile green with permanent lacquer finish. Neither sun, rain, nor wind will affect this new finish. Let us tell you more about this new beautiful motor car.

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Engine—6 cylinder, Paige 34" x 5"—Jewett 34" x 5". Lubricated by high-pressure oiling; two-unit electrical started and lighting; electrically driven by chain, with automatic take-up; self-adjusting clutch with plate of new blade steel; four-speed.

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