

SOME FACTS ABOUT THE ATLANTIC CABLE

The first Atlantic cable was completed sixty years ago on August 16. From Trinity Bay, Newfoundland, to Valentia, Ireland, the first words shot through the ocean were:—

"Europe and America are united by telegraphy. Glory to God in the Highest; on earth peace, good-will toward men."

Four attempts, says the New York Times, has been made to connect the two continents, but on each occasion the cable had parted. It was the high courage of Cyrus W. Field, Peter Cooper, David Dudley Field, and others that carried the project through. Even then the full measure of discouragement had not been reached, for after six weeks of experimenting, in which the line was never opened to the public, it broke down, and at the end of two months the operators were dismissed and telegraphic communication between the United States and England was pronounced dead.

The problems to be solved were numerous, but chief among them was the necessity of constructing a cable that would be strong enough to resist the strain placed upon it and at the same time be flexible and slender enough to be carried on a ship. Then an apparatus had to be devised to pay out the cable. Every known device was tried, the genius of inventors was taxed to the utmost, but it was only on the fourth trial that the task was accomplished. The Niagara, the largest ship in the United States Navy, and the Agamemnon, an English warship which had been in the Crimean War, met in the middle of the ocean on July 29, spliced their sections of the cable, and then started slowly for home, the Niagara arriving at Trinity Bay on August 4, and the Agamemnon reaching Valentia the next day. By August 16 the line was in working order.

The cable was made up of several copper wires encased in gutta percha then wrapped in wax hemp, and this covered by an outer sheath of 125 braided wires. It was 2,500 miles long, weighed a ton to the mile, and cost \$1,256,250. The total cost of the project was \$1,834,500.

Instead of cementing more securely the friendship of Great Britain and the States, the opening of the line seemed for a short time to threaten the entente cordiale then existing. The Queen's message to the President came without date or place of sending, or signature, and was irritatingly brief. It read: "The Queen desires to congratulate the President upon the successful completion of this great international work, in which the Queen has taken the greatest interest." It is reported that for five or six hours there was a positive

feeling or dislike and contempt for the sovereign of Great Britain, but this was removed when it was learned that the telegraph had stopped working at the end of the brief sentence and that the operator, not knowing that there was more to come translated what he had received as the full message. The remainder of it was most cordial. President Buchanan sent a reply, the high hopes of which are hardly sustained at a time when the chief work of the cable is to send us news of the carnage of the battlefield. His words were: "May the Atlantic Telegraph, under the blessing of heaven, prove to be a bond of perpetual peace and friendship between the nations; and an instrument destined by Divine Providence to diffuse religion, civilization, liberty and law throughout the world."

When the news came that actual communication had been established, New York became delirious. The formal celebration had been set for September 1, but the citizens could not wait. In Central Park 2,000 workmen asked for permission to celebrate, and when they had received it they organized a parade, and in fifteen minutes were marching, with their carts tool wagons, and implements down Eighth avenue to the Times account "their appearance, in the most literal sense of the word, beggars description." They were in their everyday working clothes, their hats and garments decorated with green twigs; some marching two abreast, some in carts drawn by horses whose ribs were more plainly visible than those of Don Quixote's Rosinante, or by mules more fleshy but not more comely; some with spades shouldered and some with spades in hand.

The workmen were only reflecting the spirit of the whole city. The same account continues: "The enthusiasm that was generated knew no bounds; hen-pecked husbands and virago wives, whose lips had not met for years, gave way to the excitement of the occasion and saluted each other as vigorously as the Scott Life Guard saluted the day; men meeting in the street shook hands more heartily." At night the city was a blaze of light. Every window was illuminated.

When the cable finally broke down the invention was allowed to lapse for seven years, when another was laid by the Great Eastern. On the first trial the cable again parted, but a year later it was picked up and spliced to the remainder. This time success was permanent. What it has meant for the world one may realize from relative speed with which war news was sent a century ago and now. The battle of Waterloo was fought in the middle of June, 1815, but news did not reach this country until August. Now we almost follow upon the heels of our soldiers as they advance mile upon mile toward the German border.

If nature had known what the demand would be, it might have provided four hams to every pig.

CHANGE OF WATER CAUSED DIARRHOEA

People moving from one place to another are very much subject to diarrhoea on account of the change of water, change of climate, change of diet, etc., and what at first appears to be but a slight looseness of the bowels should never be neglected or some serious bowel complaint will be sure to follow.

The safest and quickest cure for diarrhoea, dysentery, colic, cholera infantum, cholera morbus, pains in the stomach, seasickness and all looseness of the bowels is Dr. Fowler's Extract of Wild Strawberry.

Mr. T. T. Allard, Parry Sound, Ont. writes: "In the fall of 1914 I was working on the new 'Chiclet Gum' factory, on Carlaw Ave., in Toronto, when I had a violent attack of diarrhoea, owing, I think, to the change of water. One of the foremen advised me to get a bottle of Dr. Fowler's Extract of Wild Strawberry, which I did, with the result that I hadn't taken it all before I was completely cured."

Dr. Fowler's Extract of Wild Strawberry has been a national remedy for the past 72 years, and is sold by medicine dealers everywhere at 35c. a bottle. Don't let anyone palm off a substitute on you. When you get your money for the genuine, you're a right to get it. Put up only by The T. M. L. Co., Limited, Toronto, Ont.

HOW THEY ALL DEARLY LOVE THE MOVIES

(Chicago News)

"Say! Can't she ride, though?" exclaimed the lady who was enjoying the show. "With her hands bound too. Just look at that!"

"Oh, them girls is all taught to ride explained the lady who was with the lady who was enjoying the show.

"Well, she sure is a good rider! Just look at that."

"What in the deuce are they going to do now?" whined the small boy who didn't understand.

"I don't know. Wait and see," counseled the lady who was with the boy who didn't understand.

"Oh, he's taking her into that cabin Tut, tut! Ain't that awful! Um-m! Look at that! Ain't she a fighter! Goody, goody! Serves him right! Why don't she bite him! Oh, here comes Harold! Just in time! Good! That's the time he got what was coming to him."

"Say," said the man in front of the boy who didn't understand, "I wish you wouldn't wipe your feet on me, please."

"Isn't he cute?" said the girl who was with the man in front of the boy who didn't understand.

"I don't think so," replied the man. "He gives me a pain. What does he make those awful faces for? I don't see any occasion for such faces. Nobody is kicking him and wiping their feet on him."

"It is natural that he should make faces," explained the girl. "If you were as much in love as he is you'd make faces, too."

"No, I wouldn't nor is it necessary. I've done a lot of lovemaking in my time, and never threw any face making along with it at all, and I got by fine, too."

"Yes, but you're a lady's man, and this fellow is a cowboy and a regular fellow, and not used to lovemaking."

"I get you," said the man. "Handsome is just a rough cowboy who never made love to anybody before, and his sole idea of that art has been gleaned from a performance of 'Romeo and Juliet' that he saw at a theatre once. That's why he struts with a Romeo strut and makes Romeo faces and poses the best he can in riding boots and a sombrero. But I don't like his soft, Romeo-ish brand of love acting as well as his righteous indignation—"

"Good! Good!" exclaimed the lady who was enjoying the show.

"What in the dickens are they doing now?" wailed the small boy who didn't understand.

"Kissing each other," answered the lady who was with the small boy who didn't understand.

"Piffle!" said the man in front. "These movies ought to be reformed or else abolished."

Washington—Restriction and curtailment of variety in styles collars, shapes, weights and trimmings of fur and felt hats for men and women for the spring of 1919 was announced by the War Industries Board, following a conference with manufacturers.

Colors of fur felt hats for both women and men will be restricted to nine, and wool hats to 12. Men's hats will be restricted to black, two shades of brown, two of green, two of steel and pearl and Belgian blue.

London, Aug. 6—Apparently it is very easy to acquire "blue blood" in Russia.

The Minskoye Slovo published the following letter written to his wife by a "squad companion" elected by his comrades to command a Bolsheviki regiment:

"My great respected wife, Agripina Ivanovna:

"In the first lines of my letter I inform you that by the grace of God and the will of my soldier comrades the blood of the nobility is now flowing in my veins, because I am now father commander of the whole regiment and of its war chest.

"I inclose 100 rubles, with which you must buy yourself an Astrachan coat and a feather, which is worn on the head.

"You are not to keep company with the women of the village but you must call on the officers' wives. Do not rush into their houses like swine but let yourself be announced to let them know who you are.

"Do not carry on with the soldiers and so stain my regimental rank.

"Your husband, and at present commander of a regiment.

(Signed) "Thoma Terentyevich Kislo-Oukhim."

The "greatly respected wife" was so proud of her husband's leap into the ranks of the nobility that she sent the whole epistle to the newspaper irrespective of the suspicions he evinced concerning her own behavior.

RUSSIAN WARNS HIS WIFE HE'S NOBEL NOW

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ENGLISH GIRLS WORK IN STABLES

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CASTORIA For Infants and Children In Use For Over 30 Years

Always bears the Signature of *Dr. J. C. Altman*

TRAINED IN EFFICIENCY

(Chicago News)

One of the best advantages of training in efficiency, we are told is that it enables the alleged mind of the student to function automatically as it were. This saves conscious mental exertion and the wear and tear upon an all too frail mechanism. An example of what efficiency training will do for a man comes to us in a story from rural Missouri concerning an efficiency expert who has been putting some small factories in order down there. This expert drives around in a powerful runabout, and the other day while on a hot dusty Missouri road going from one place to another, the heat or something caused the spare tire on the rear of the car to explode. It was a most unusual occurrence, but the efficiency expert was not at a loss. His so called mind functioned automatically in the premises. He stopped the car, got out, removed the exploded spare tire, removed a good tire from the left rear wheel, put the good tire where the spare tire had been, placed the exploded tire on the rear wheel, got into the car and started off. Then he noted the flat tire on the left rear wheel, got out, made the conventional change, and drove happily and efficiently on his way. A lesser mind, an untrained mind, would never have met such a situation so efficiently.

When a Soldier is Disabled it is not always from wounds. A great many men are disabled through foot trouble. Even the bravest man cannot "carry on" if he is suffering from sore feet. Hence the necessity for Zam-Buk to keep the soldiers' feet in good condition.

A military authority in "The War Office Times" says: "If every man in the service were supplied with a tin of Zam-Buk it would, in my opinion, greatly add to the efficiency of the army."

For blisters, cuts, scratches, burns and sores of all kinds Zam-Buk is unequalled. All dealers 50c box.

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A scene from "DADDY LONG LEGS" the dramatic Comedy which comes to the City Opera House, on Thursday Evening, August 29th.