

USES FOR THE TELEPHONE

INSTRUMENT CAN BE UTILIZED IN MANY NOVEL WAYS.

Long Distance Wedding Over the Wire
—Phone Will Help To Locate Shoals of Fish—Fighting Fires.

Nowhere has the telephone worked greater changes than in the western farming communities. According to Cassier's Magazine, they get up telephone musicals over the whole countryside and so is the audience. A rural news service is also supplied on certain of these farm lines. At a certain hour of the evening, say 7 o'clock, a general call is rung over the lines. When all the subscribers are gathered the central office begins by giving the exact time of day.

The weather indications are given, together with the latest news of the day from home and abroad. Then follows the market quotations of all produce, oats, wheat, eggs, all of which is working a revolution in rural life.

TEACHING BY TELEPHONE.

An enterprising school teacher was quick to perceive the utility of the telephone in a case of contagious disease. Some of his pupils were quarantined in their home for two weeks on account of smallpox in the family. Two of the sons were desirous of graduating, and to miss school for this time would have made their standing doubtful. The teacher therefore assigned the regular lessons to his pupils, which he heard them recite over the telephone in the evening.

The telephone has been used to enable an invalid mother to hear the marriage service at her daughter's wedding in a distant city. In other cases the marriage ceremony has been performed over a telephone circuit, the officiating clergyman being at a distance from the bride and groom. In Philadelphia, the telephone is brought into service to transmit the preaching and singing at the Baptist Tabernacle to the Samaritan Hospital. For this purpose a string of six megaphones are placed over the platform, and to these megaphones the telephone transmitter is attached.

LOST CANINE IDENTIFIED BY BARK.

Holding baby up to the telephone to let a distant parent hear his crowing is now hardly an uncommon use of the apparatus. More uncommon was the somewhat similar use in which the owner of a valuable foxhound that had been lost was called to the telephone and asked to listen to the bark of a dog in a neighboring village. The hound gave a couple of barks in the telephone which enabled the owner to recognize the animal as his.

On another occasion a dog fancier was asked to give his opinion as to the quality of a pup by listening to the bark of the animal in the telephone, the dog being several miles away.

Another recent application of the telephone is its use in recording the hits at target practice. Formerly this work was done by means of flags, different colored flags indicating a center, an outer, a bullseye, etc. This hit is now verbally transmitted by telephone.

Remove Those Unsightly Warts By applying Putnam's Corn and Wart Extractor. It cures Corns, Warts and Bunions, permanently, painlessly and surely. Every druggist in America recommends and sells Putnam's; it's the best.

AN AWFUL RACE FOR HUMAN LIFE

PNEUMONIA AND TUBERCULOSIS VIEING WITH EACH OTHER FOR PRE-EMINENCE IN RAVAGING HUMANITY.

Life is sweet and precious to everybody. The awful records of the ravages of disease during the past winter must make people stop and think. Throughout Canada all diseases of the throat and lungs have been especially prevalent, and the best authorities say they are still on the increase. The city of Toronto furnishes a reliable sample of the prevailing conditions throughout Canada. During February the official vital statistics of Toronto show 27 deaths from tuberculosis and 65 from pneumonia. March shows 29 deaths from tuberculosis and 65 from pneumonia. This is an alarming increase, and doctors seem to be at their wits' end to check these diseases. It is somewhat remarkable, however, that over 77 per cent of the cases of tuberculosis and 89 per cent of the cases of pneumonia that were treated by Psychine fully recovered. Had it not been for the rapidly increasing use of this remedy the death rate would have been very much heavier. When the wonderful merits of this remarkable remedy are known as they ought to be, these deadly diseases will largely have lost their dread power. Psychine quickly and effectively cures not only these diseases, but all the conditions that bring on these troubles, such as asthmal coughs, colds, catarrh, la grippe, chills, night sweats, rundown and wasted conditions. It is a marvellous remedy for stomach troubles, also, and all pulmonary troubles yield velvety to its great curative power.

"I was out with the volunteers at London and I got a heavy cold, which turned to bronchitis, and my lungs were severely affected. It is a marvellous remedy for stomach troubles, also, and all pulmonary troubles yield velvety to its great curative power."

"CHESLEY SCHELL, Ravenswood, Ont." Psychine, pronounced Si-keen, can be obtained at all druggists at 50 cents and \$1 per bottle, or Dr. T. A. Shocum Limited, 175 King street west, Toronto.

phone and a marked saving in time results.

The telephone was recently employed in managing the sportive dragon in a performance of "Siegfried," at the Metropolitan Opera House, New York. The dragon is maneuvered by two boys concealed within the beast. The boys have not, as a rule, been conspicuously successful even when well rehearsed.

On this occasion no rehearsal was possible. So a telephone circuit was installed, receivers strapped to the boys' ears and they were directed from the wings.

WILL LOCATE FISH.

A German patent has been granted for an application of the telephone principle to the location of a shoal of fish. A sensitive microphone transmitter, inclosed in a water-tight case, is lowered into the water. The transmitter is connected by insulated wires with a receiver and battery on the boat.

So long as the microphone hangs free in the water no sounds are heard in the receiver. But when a school of fish passes there is a constant tapping against the microphone case.

The inventor of this device goes so far as to say that with it, approximately, the number and kind of fish in its vicinity can be recognized. Thus, when herrings or smaller fish pass in large numbers they make a whistling noise, while the sound made by codfish is more like howling. When very near the submerged instrument the flow of water through their gills makes a noise like the labored breathing of a quadruped.

SUBMARINE SIGNALING.

The telephone transmitter and receiver are also applied in submarine signaling to a distance. A bell at a lighthouse is submerged in the water to a depth of eight to ten feet. By means of suitable apparatus the bell is sounded at certain intervals. A telephone transmitter is placed in connection with a diaphragm on a cup-shaped vessel filled with a liquid and attached to the hull of a ship. A circuit leads from the telephone transmitter to the receiver in the chart room of the ship.

The sound vibrations in the water set up by the bell are taken up by the transmitter and are heard in the receiver. By having a transmitter at each side of the vessel, it is possible to detect the direction from which the sound has come, and in this way the captain of the vessel is apprised of his approach to a lightship or the shore.

Another novel use of the telephone is as a means of communication between submarine divers and the attendants on the decks of the accompanying boats. The apparatus being connected with the interior of the diver's headgear.

USED IN FIGHTING FIRES.

Firemen are now also able to communicate from the interior of a burning building with their officers outside by means of a telephone outfit contained within a leather helmet. The helmet is provided with a mask that extends over the fireman's shoulders, the front of the mask under the peak of the helmet being left open.

The fireman, entering the building, carries with him air tubes and wires for maintaining telephonic communications and for an electric light service. The connecting for the air hose is at the back of the head, and the air is distributed around the head, keeping the eyes and nose free of smoke.

Still another odd use of the telephone was its employment to facilitate painting the inside of a large stand-pipe of a water company. The pipe was constructed to float upon the water within the pipe and served as a platform upon which the men worked.

A telephone installed within the water pipe communicated with the pumping room of the water plant. As the painting progressed the men within the pipe telephoned the engineer at the pump house to raise or lower the water in the pipe as desired. By this use of the telephone much time was saved, and the utilization of the raft saved the cost of erecting staging.—New York Sun.

THE DANUBE.

The Danube is not the largest or longest river in the world, but its beautiful blue waters flow through countries in which 52 languages and dialects are spoken. Its total length is 1,875 miles and the Danube basin covers an area of 300,000 square miles. It bears upon its current four-fifths of the commerce of Eastern Europe. "The Beautiful Blue Danube," a waltz composed by Johann Strauss II, is perhaps the best-known and most popular piece of music in the world. It has caused more than a million marriages, and may have prevented a few. This same Strauss, by the way, who died only eight years ago, was the composer of about 400 waltzes.—New York Press.

SOME NOTED BULLS.

Nor are the bulls all of Irish birth. President Zachary Taylor exhibited one of noble weight when he said in his inaugural address that we were to be felicitated because of being at "peace with all the world and the rest of mankind."

And the Legislature of Wisconsin, a few years ago, passed a bill of which one paragraph reads: "The railway companies in the state shall equip their trains with devices that will keep them on the track, after derailment."

I might mention the case of an eminent political economist and statesman, in Boston, who told me once that the Irish were not noted for longevity, and explained the fact by saying that the great famine of 1845 had reduced the national vitality so much that "not one Irish centenarian had been born since that fatal year." Few, if any centenarians have been born and died in any country during the last sixty years, which does not prove, however, that the race has died out. It only shows that they require time to mature.

Andrew Carnegie, sober Scot that he is, writing about Canada in the North American Review, some years ago, said impressively: "Now that the young colony has grown to the estate of manhood, it begins to prove an undutiful daughter to the mother country."

And here to mention another bull-pug of Irish birth. I find, among my Genoese books, a grave history of "Il Duomo di Genova," by Giuseppe Banerero, who makes a sad allusion to the time when the warring factions of Liguria "gnawed the vitals of the fatherland, who was the mother of them all."

Many a thing that looks like a bull is a very dignified entity. The one that carried Europe across the Hellespont, for instance, was the great king of all the gods.

A TICKER LINE ACROSS SAHARA

ENTERPRISE WHICH IN SOME RESPECTS IS NOVEL.

Problems Solved by the French Before Work Could Be Started—Material Carried by Camels.

The French have completed plans for constructing a telegraph line across the Sahara. The enterprise in some respects is a novel one.

Some of the details are new and a number of problems had to be solved before the work of building the line could be started. The manufacture of the plant is now in progress. It includes interesting features, especially relating to telegraph poles.

It would not do to string the wires so low that they would interfere with camel caravans in the desert. There must be no fence in that great waste to obstruct travel in any direction. So the hollow telegraph poles that are being made of steel are so long that they may be firmly planted in the earth and the wire fastened to their tops will be fifteen feet above the ground.

CAMELS CARRY MATERIAL INTO DESERT.

The only way to carry these poles hundreds of miles out into the desert is by means of camels, and the problem was how the poles might be carried, by bundles eighteen feet in length, are not adapted to camel transportation. The solution was reached by making the poles telescopic, so that each can be reduced to a length of about five feet. When the pole is erected the sections are pulled out and locked and become a stable and lasting support for the wires.

The constructed part of the line now extends through Algeria to Beni-Abbes, all the southeast corner of Morocco's part of the desert. Thus the first 150 miles of the desert part of the line is now in operation. From Beni-Abbes the wire will follow the route surveyed for it two years ago to Adrar, in the very heart of the desert, 800 miles south of the Mediterranean.

At this point the line will turn to the southwest and make for Burem on the Niger, this stretch being about 800 miles long. In the northern part of this section the main difficulties of building the line will be encountered, for it must cross a vast region that is poor in water and where the bandit tendencies of the inhabitants have not yet been entirely suppressed. It is believed that the expedient which has been approved for dealing with these impediments will be successful.

At the wells, which are from 50 to 120 miles apart, small military posts will be established and so thoroughly fitted for defense that ten or twelve men can hold them against all desert enemies, who are really few in number now and are very poorly armed.

COST OF THE LINE. The posts will communicate with one another every morning, and if the means of communication fails between any two of them small parties with the fleetest of camels loaded with repair material will travel along the line till the place of the break is located. Another advantage of the collapsible poles is that the wire may be brought near to the ground when any examination or repairs are required.

The cost of the desert part of the line will be about \$400,000. A branch line will connect the Niger River in the Sudan with Lake Chad, and the main line will extend up the Niger to Timbuctu, where it will connect with the line now in operation to Emmao and the Atlantic coast of Senegambia.

It is said that the French Government does not mind the cost, the service on the telegraph across the desert shall exceed 10 cents a word.

There are between ten thousand and eleven thousand professional thieves in New York city, and several hundred thousand in London, who only steal when opportunities are offered. Israel Munson Spelman, Harvard's oldest living graduate, celebrated his 90th birthday on Dec. 30. He is a graduate of the class of '35. He was at one time president of the Boston and Maine Railroad.

YOUR BLOOD UNHEALTHY IN THE SPRINGTIME

YOU SHOULD CLEANSE THE SYSTEM AT ONCE WITH PROPER MEDICINE.

Spring house-cleaning is the solemn duty of every household. This system, let it commence with your own system. All the organs are depressed, the liver is slow, kidneys are unhealthy. In consequence you are listless, vitality is low, color is bad, appetite poor and you need medicine. This is just the time to use Ferrozone; it excites splendid appetite, gives digestion splendid aid, supplies nourishment for all weak organs. At once you feel buoyant and strong. Nutritious blood courses through your veins, supplies strength and life, makes you tingle with animation and ambition.

No more headache! None of that tired languor. You feel like three angels because Ferrozone completely renews and strengthens your whole system.

For spring debility no medicine on earth gives such quick, lasting benefits as Ferrozone. It has raised thousands from deathly weakness, gives them perfect health simply because it contains the fortifying elements that run-down systems require.

One week after using Ferrozone, you will feel like new, you'll appreciate what real robust health means. In a month you'll scarcely credit the push your vigor and spirits have received. Ferrozone is more than a tonic because its work lasts, its benefits remain and are not temporary. It restores health where other treatments fail, and especially in the springtime it should be used by every man, woman and child. Try it; 50c per box or six boxes for \$2.50. Sold by all dealers.



RED ROSE TEA

ENGLISH AMABLE; ARE NOT GRUMPY

WOMAN TRAVELER WHO FOUND THEM DECIDEDLY FRIENDLY AT HOME AND ABROAD.

"Listen to this!" exclaimed a woman who has traveled all over her own country and Europe. "These purport to be words of wisdom from the lips of a Philadelphian: 'You may travel a thousand miles on a railway in Europe,' he says, 'and never a man will open his mouth to speak to you if you are a stranger. For a total freezout I accord the palm to the English!'"

"Of course," continued the woman, "I don't pretend to know the reason of this discrimination, but I wouldn't say too much about it. It almost seems pointed. 'As a matter of fact the English are decidedly friendly to fellow travelers. In their own country they respond so quickly to any courteous advance that they seem to have been waiting for you to make it.'"

"I have traveled hundreds of miles on English railways. Whenever I have shown the slightest inclination to lay aside my own reserve I found the English ready to meet me more than half way. I have heard plenty of Americans tell of having the same experience."

"When it comes to explaining any of the English customs, as, for instance, the luggage system, they are so patient and kindly that I confess to a sort of shamefaced wonder when I remember how brutally we in this country often treat the unsophisticated."

"As for the English whom one meets on the continent—or at any rate in England—I have met on the continent—120 miles apart, small military posts will be established and so thoroughly fitted for defense that ten or twelve men can hold them against all desert enemies, who are really few in number now and are very poorly armed."

"Of course, one doesn't expect that English fashionables are going to have much to do with strangers, any more than we would expect our own society folk to play the bon ami to people whose only claim to notice may be that they are sitting in the same parlor car. Maybe the Philadelphia traveler made up to the big swell, with or without knowing it, and was therefore considered to show a manner, as he says, 'reeking with effrontery.'"

"I once had reason to suspect a very amiable English dame, who shared our compartment for several hours, of being a big swell. But it was the Sudan with Lake Chad, and the main line will extend up the Niger to Timbuctu, where it will connect with the line now in operation to Emmao and the Atlantic coast of Senegambia."

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THE LITTLE GIRL AND WALT WHITMAN

A CHANCE MEETING WITH THE POET UPON A FERRY-BOAT.

It was on a Fulton ferryboat that the little girl first made the acquaintance of the poet.

With her mother she was on her way to New York when she noticed in the throng a queerly-dressed man. He was tall and broad-shouldered, and wore his hair long. His gray sombrero shaded a striking face, which an older person would not have failed to appreciate. He wore a dark blue flannel shirt, the collar of which was very low.

As the child watched, she was astonished to see him come up to her mother and shake hands heartily. The little girl was at the age when appearances count for much, and was shocked that her mother should be so friendly with a colossus man. And yet her mother seemed willing, quite proud, in fact, to walk through the cabin with him.

They seemed to be talking about his mother, and as he left, he said cordially: "Why don't you go and see mother? She would be pleased to see you."

"The little girl continued to wonder, and it was not until she was safely stowed away in the straw-filled Fulton ferry stage that she was enlightened. "That," said her mother, as they joined off over the cobblestone pavement, "was Walt Whitman. He is a poet and is thought very much of."

The child was duly impressed. She had never met a poet, but she had heard her brother recite "The Boy Stood on the Burning Deck," "An Arab's Farewell to His Steed," and "My Mother's Bible," so she had a great respect for poets in general. Still, she thought: "Even if he is a poet, why can't he wear a linen collar and have his hair cut?"

"Well," said her mother, settling herself complacently, "I have known the Whitmans since they moved in from the country (Canada). Mrs. Whitman was a pleasant, chatty little woman who was always ready to have a man, who was always ready to have a friendly talk with the neighbors as she walked up and down her front piazza in Brooklyn. They lived simply as most people did in those days. Mrs. Whitman was so fond of reading that she would sit up until daylight, and she had a book with the dishes of the night before still unwashed. Her husband's father was a carpenter."

"What kind of poems does he write?" asked the little girl.

"Why, the last time I saw his mother I asked her to show me some of them, but she said, 'I don't believe you would care for Walt's poems. I can't say that, altogether like them myself.' So I have never read any of Mr. Whitman's poems, but he has read some of mine—I wrote some when I was a little girl."

"What did he say about them?" asked the little girl. "Did he like them?"

"He said I must have a very sweet disposition," answered the mother with pride.

Just then the stage jostled past Barnum's Museum on Broadway, near Fulton street, and the little girl became so interested in the pictures of Mr. and Mrs. Tom Thumb, Minnie Warren and Commodore Nutt, that she forgot all about Walt Whitman.—New York Evening Post.

YOUR GAWKY BOY.

That gawky boy of yours—ungainly, gaunt, shy, unprepossessing as he is—youth him. Did you ever realize how it hurts? You ought to realize it, for it is not long since you know how it felt. You would have stood pain like a man, and so does your boy. You would have borne privation like a hero, and so does your boy, and there would have been a grim sort of enjoyment in it, for the joy of resistance is fully awake at 14.

But you could not bear ridicule, and he cannot, and yet there is scarcely a day when you do not cause him sharp discomfort. The boy's mother never does this. She loves every awkward movement of her boy. She loves his long legs and she loves to hear his raucous voice. She smiles at it, too, and at him, and it is a smile of genuine amusement, but there is love in the smile, and love in her eyes, and he knows it, and adores her for it.

If he becomes depressed and despondent he confides his troubles in his dog, which sits in front of him gazing at him with an almost human expression of sympathy, and puts his paw on his master's knee.

A bit unfortunate, isn't it, that your own boy is obliged to depend on his mother and his dog for sympathy and affection? He gets none from you, and but little from his brothers and sisters. It is true, isn't it?

My friend, if you paid as much personal attention to the proper development of your boy as you do in raising the two-minute trotter, or the blue ribbon Orpington, or the Black King Jubilee of Orpington, or in heating hogs, or in your game of whist, you would be astonished at the results.—Delineator.

PRO AND CON.

Water has not touched Mrs. Patti's face for seventeen years. She holds that water

Not So Much

Please do not put quite so much Red Rose Tea in the teapot as you do of other kinds. If you do the tea will be too strong.

Red Rose Tea combines strength with that rich, fruity flavor which has made it famous.

You are sure to like it. Will you order a package from your grocer?

RED ROSE TEA

THIS IS THE BEST METAL AGE.

Ordinary grades of galvanized steel are not considered good enough for "Galt Sure-grip" Shingles. A special grade of the best, wear-defying galvanized steel is prepared exclusively for them. Consequently, at the very outset, Galt "Sure-grip" Shingles have the power to outwear all others, wooden or galvanized.

Then, Galt "Sure-grip" Shingles are locked together far more securely than ordinary shingles. Easily and quickly put on and when on will withstand the severest test of storm or lightning.

The strongest shingles make the longest lasting roof—and Galt "Sure-grip" Shingles are in every way the strongest. Cost no more than common shingles—are the most economical kind to buy.

Write for free Catalogue and further information to

The Galt Art Metal Co., Ltd. GALT, ONT.

Galt "Sure-grip" Shingles

Richards Pure Soap

FREE Mail in five Richards Pure Soap wrappers and ten Richards Pure Soap advertisements from any paper, and we will send you a beautiful souvenir.

Common soaps, loaded with harmful adulterants, eat and destroy the delicate threads of lace and embroidery creations. Richards Pure Soap, consisting of nothing but purest of vegetable oils, removes the dirt easily, without injuring a single thread. It's well to be on the safe side—USE RICHARDS PURE SOAP.

THE RICHARDS PURE SOAP CO., LTD., Woodstock, Ont. (Cut this ad. out—it is valuable.)

Please mention London Advertiser when answering this advertisement.

SHEET LEAD

All Sizes The Canada Metal Co'y, Limited, William St., Toronto, Ont.

makes wrinkles, and for her smooth skin and yellow. Booth Tarkington, whose hair is unusually thick, thinks that strong, rich food—plenty of meat three times a day—gives vigor to the scalp.

George Bernard Shaw imputes his fine and beautiful gray hair to his vegetarian diet. Vegetables, he holds, keep the hair in a glossy and superb condition. Phila delphia Bulletin.

thanks the cold cream with which alone her facial ablutions are performed. Mrs. Cornwallis West (Lady Randolph Churchill) imputes her splendid bloom to cold water and to her reputation of all creams and cosmetics, which clog, she claims, the pores, and makes the skin dry

So many imported waters taste salty when mixed with liquors—there's nothing of that with York Sparks. It mixes without change of flavor, imparts a delicious zest to spirits, develops their bouquet, enhances their taste while diluting their strength. York Sparks is the purest natural water known, carbonated with PURIFIED gas and

Bottled at the Springs for surety of purity Does the stomach good and gives the palate pleasure. Fine for table use.

YORK SPARKS Is better yet costs no more

For Sale By SCANDRETT BROS., E. B. SMITH, Esq. T. A. ROWAT & Co.