

IT LEADS ALL.

No other blood-purifying medicine is made, or has ever been prepared, which so completely meets the wants of physicians and the general public as

Ayer's Sarsaparilla.

It leads the list as a truly scientific preparation for all blood diseases. If there is a lurking taint of Scrofula about you, SCROFULA AYER'S SARSAPARILLA will dislodge it and expel it from your system.

For constitutional or scrofulous Catarrh, CATARRH AYER'S SARSAPARILLA is the true remedy. It has cured numberless cases. It will stop the nauseous catarrhal discharges, and remove the sickening odor of the breath, which are indications of scrofulous origin.

"Hutto, Tex., Sept. 28, 1882.

ULCEROUS SORES "At the age of two years and of my children was terribly afflicted with ulcerous running sores on its face and neck. At the same time its eyes were swollen, much inflamed, and very sore.

SORE EYES Physicians told us that a powerful alternative medicine must be employed. They united in recommending AYER'S SARSAPARILLA. A few doses produced a perceptible improvement, which, by an adherence to your directions, was continued to a complete and permanent cure. No evidence has since appeared of the existence of any scrofulous tendencies; and no treatment of any disorder was ever attended by more prompt or effectual results.

Yours truly, B. F. JOHNSON."

PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass.

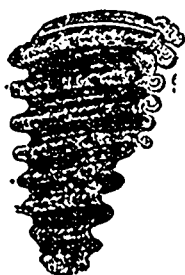
Sold by all Druggists; \$1, six bottles for \$5.

PARKER & EVANS' INTERNATIONAL Roller Compound cradles teeth seal from her instantly. One fourth the first dose prevents future incrustation. Perfectly safe, and saves 25 per cent. in fuel. Send for circular to 609 St. Paul street, Montreal.

DENTAL CARD.

Special attention given to the filling and preservation of the natural organs. Artificial Teeth inserted, so as to appear perfectly natural and life-like. Teeth extracted without pain. Fee moderate. T. H. SEFTON, Dentist, cor. Queen and Yonge Sts., over Ross's Drug Store, Toronto.

NO SHAM, BUT REAL



WATER WAVES.



Copyright secured. (Copyright applied for 20,000 sold since I first introduced them. New Designs, Fresh Stock, No Old Trash. The only Fashionable Hair Store in Toronto. Wigs, Switches, Coquettes, Bang Nets, Countess Nets, Golden Hair Wigs, Novelties in Hair Ornaments, &c. Wholesale and retail at the Paris Hair Works, 103 Yonge street, between King and Adelaide streets.

A. DOREN WEND
NEW YORK HAIR WORKS.



Ladies' Head Dressing and Shampooing Parlor. Dealers and manufacturers in all the latest style of Hair Goods, Water Waves, Wigs, and Switches, made to order. The shortest notice. A large stock of Bang Nets, Silk Nets and Ladies' Head Jewels, the newest style, constantly on hand. John & Schwenker, 75 King Street West, Toronto.

TO TELEPHONE ACROSS THE OCEAN.

Webster Gillette's Apparatus to Increase Transmitted Sound.

There is an inventor in the village of Flushing, L. I., who believes he has an apparatus that will revolutionize the telephone business and materially increase the usefulness of the Atlantic cable. He has rooms in a large boarding house about a block from the railroad station. Here he has passed the last four months at work upon his invention. His name is Webster Gillette, and he is from Michigan. A reporter found him seated in a little room in which were three tables loaded with electrical apparatus, and a network of wires stretched between the walls. The inventor appeared to be forty years old. He has lively dark-blue eyes, a high forehead that bulges in the region of construct veins, brown moustache and side whiskers, and a ruddy and healthful countenance.

On the largest table in the room stood a disk about thirteen inches in diameter. Projecting from the centre of one face of the disk was a funnel-shaped object. It ran into the table from the lower edge of the disk were a number of wires. On the table, arranged in a row a short distance from the wires, were ten black cylindrical induction coils. "That is what the reporter noticed. This the inventor said:

"That funnel-shaped object in the centre of the disk is the resonator. You see that is not like the speaking tube of an ordinary telephone. The larger part of the funnel is held to the mouth. The volume of the voice, instead of being concentrated in a small space as in other telephones, is spread and causes the whole metallic diaphragm to vibrate. You will notice on the opposite side of the disk there are ten deviating points, which are held in position by ten rubber arms, that may remind you somewhat of a cuttle-fish. When you talk through the speaking tube or resonator, the metallic diaphragm, or, popularly speaking, the tin plate, vibrates. The vibrations are communicated to the ten deviating points or needles. The needles penetrate through rubber cushions into small brass cylinders containing granulated carbon. The cylinders are secured in their places by ten brass arms attached to the rim of the disk that holds the metallic plate. Ten wires run through the arms, form the primaries of the induction coils, and return to their respective poles. The ten secondary wires from the induction coils are carried to a plug switch, so arranged as to place one or as many wires as may be desired in circuit. The power of ten batteries, ten induction coils, and a corresponding number of deviating points, acted upon simultaneously by a single vibrating tin plate, may thus be concentrated upon a wire. This is something that has never been done before.

"I claim that conversation may be carried on over an ordinary telegraph wire with my telephone between points 2,600 miles apart. Twelve words a minute is considered a fair rate of transmission over the Atlantic cable. By using this telephone 120 words a minute may be transmitted if a shorthand writer is employed as a receiver. All the important features of my invention are new. By the use of the granulated carbon and the rubber cushions into which the needles penetrate I secure a steady, uninterrupted sound."

Mr. Gillette went into an adjoining room, where he had another telephone connecting with the one on the table. The receiving tube of the new apparatus was put in position. After a few minutes it began to emit a series of distinct "Hallos" in a bass voice.

After returning to the room Mr. Gillette said that ten batteries, ten deviating points, and ten induction coils have about six times the power of one battery and a corresponding number of the other necessary electrical agencies. He thought that the time was not remote when we could not only speak across the ocean, but also see those to whom we might be speaking. He said that an experiment with the new telephone probably would be made in ten days between places in Maine and Massachusetts, 500 miles apart.

There was a competitive exhibition of fireworks at Nantasket Beach, near Boston, a few evenings ago. One of the pieces represented a hive with a swarm of bees buzzing around it, and another a life-like race between two fiery bicycles. A pyrotechnic sunflower was loudly applauded by the Boston visitors.

A Pica for the Sparrows.

A contributor to the Boston Journal writes: Many Canadian people two or three years ago took fright at the sparrows, and much was written for and against those little birds. The upshot was that the Natural History society, of Toronto, had some sparrows killed and the contents of their crops analyzed, when it was found that they destroyed more grubs than grain or fruit. They are therefore, no longer under a ban.

During the excitement I determined to test the value or otherwise of sparrows. I had boxes made for them and so placed in my veranda that I (and my family) could watch their movements from morning to night. I found that they conveyed to their young ones innumerable wriggling grubs; that they caught and dismembered grasshoppers that were too large for one morsel and picked up broken grain from the feeding place of my fowls. The sparrows have neither driven away nor disturbed the song birds, which they were accused of doing, nor have they robbed me of the fruit in my large garden, which has never been in better condition or quantity than this year. I fed and cared for them in England as I do here, and so far as I can see their habits are unchanged by climate. Sparrows are good friends to man if not allowed to become too numerous.

In Wood's "Natural History of Birds," Routledge & Co., London, 1862, at page 476, is the following: "In every case where the sparrows have been extirpated there has been a proportional decrease in the crops from the ravages of insects. At Maine, for example the total destruction of the sparrows was ordered by the government, and the consequence was that in the succeeding year even the green trees were killed by caterpillars, and a similar occurrence took place near Auxerre." Try the experiment, and it is safe to predict that Washington and Boston will fare no better. If those birds were as represented, would they not have been destroyed in England long ago? Farmers pay high rents, yet the sparrows survive; they are to be seen everywhere. Why they are called "English sparrows" I am at a loss to know, seeing that they are to be found all over Europe and beyond it.

Every Woman her Own Dogmaker.

The Baltimore girls are an independent species who will not submit to be hampered, even by fashion, too much. If they must wear a dog, as they do a bouquet, they will not consent to allow Dame Fashion to dictate the shape or style of dog to be worn. Hence it is said that a close observer in the Park on a fair afternoon will see that every lady who makes a pretence to style wears a different make of dog—a dog with some feature or characteristic different from any other canine on the drive. This variety is easily secured. We are about to give a local secret away, because as journalists it is our duty to tell the truth and to furnish information upon subjects. The secret of this admirable variety is that every lady makes her own dog. She decides for herself the style of dog she will affect. She then buys the plush, cloth, satin, linen, or fur that her nimble fingers can manipulate into the shape she wants, and then she cuts out her canine pet, stuffs it with raw cotton, sews on its tail and ears, fits a couple of glass marbles in for eyes, and there she has a dog which she can hold in the most graceful attitude, suited precisely in size and shape to her favorite breed, and in color harmonizing beautifully with her complexion and dress. Some ultra fashionable ladies have a number of these pudding pugs and poodles made up and constantly on hand to make their various costumes. —*Baltimore News.*

A Burglar in a Difficulty.

At the Dover Police Court recently a man named Armstrong, a gunner in the Royal Artillery, was charged with breaking into the house of Col. R. Baker, at East Cliff. Col. Baker said that shortly after midnight he was aroused by his daughter, who said that some one had broken into the house. He heard a man shouting, "Murder! for God's sake come and help me." On going down stairs he discovered the prisoner wedged in the doorway in such a manner that he could not extricate himself. The prisoner was without shoes, and had got through the scullery window. On the way to the police station the prisoner said, "I did not mean to get into that house, I meant to get into some other." He also said, "If I had not been jammed in that door I would have had something." The Bench sentenced the burglar to two months' hard labor.

Pc -1 Fishing in the Gulf of California.

A pearl fishery which is said to be of great promise has been opened up in the Gulf of California. One pearl, taken from the shell of an oyster in December last, is believed to be the largest yet found. It weighs seventy-five carats, and was purchased by a jeweller for \$14,000. Another of forty-seven carats has also been found. It is perfect in form and finely tinted, and is valued at \$5,000. A third very beautiful pearl of forty carats has been exhibited at La Paz, where a bid of \$5,000 for it was declined. —*St. James's Gazette.*

A testimonial to the value of advertising is implied in the petition which the retail merchants of Broadway, St. Louis, all present to the city council. It will ask that the former name of that thoroughfare—Fifth street—be restored for the reason principally, that the storekeepers have extensively advertised their business, and if the new name is allowed to remain they will lose a great deal of their custom.



N. C. Bicycle.

Something New in Style.

Further Reduction in the

Prices for the Fall Trade.

SOLE AGENT,

WM PAYNE, LONDON, ONT.

Send 2c. stamp for Catalogue.



NOTICE TO CONTRACTORS.

SEALED TENDERS addressed to the undersigned, and endorsed "Tender for Examining Warehouse, Toronto," will be received at this office until MONDAY the 17th SEPTEMBER next, inclusively, for the erection of

Addition to Examining Warehouse

AT
TORONTO.

Plans and specifications can be seen at the Office of D. B. Dick, Esq., Architect, Toronto, and at the Department of Public Works, Ottawa, on and after MONDAY, the 27th instant.

Persons tendering are notified that tenders will not be considered unless made on the printed forms supplied and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque, made payable to the order of the Honorable the Minister of Public Works, equal to five per cent of the amount of the tender, which will be forfeited if the party declines to enter into a contract when called on to do so, or if he fails to complete the work contracted for. If the tender be not accepted the cheque will be returned.

The Department does not bind itself to accept the lowest or any tender.

By order,

F. H. ENNIS,

Secretary.

Department of Public Works, {
Ottawa, 22nd Aug., 1883.

Catching Shadows!

We still keep ahead of all others for artistic qualities of Photos. We are making the

First Quality

—OF—

Cabinet Photos

—FOR—

\$3 Per Doz.

Call and see specimens of our daily work.

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107 King Street West.