

## The Mission

Of those corpuscles in your blood that have been called "Little Soldiers," is it to fight for you against the disease germs that constantly endanger your health, the corpuscles are made healthy and strong by the use of Wood's Sarsaparilla.

This medicine is a combination of more than 20 different remedial agents in proportions and by a process known only to ourselves and it has for thirty years been constantly proving its worth. No substitute, none "just-as-good."

### On a Pinch.

"For the present," said the political agent, "you will have to be satisfied with filling some temporary vacancy from time to time."

"I'll be more than satisfied," faltered the despairing officeholder, "with any vacancy that will fill the vacancy in my stomach from time to time!"

STUNG!—The trouble with Billy is that he's awkward when he's in company. He doesn't know what to do with his hands. "Oh, yes, he does," he told me once that you wore too many pins in your shirt.—Chicago Tribune.

NEWSPAPER—"New Visible Year." All makes will be new, at second hand prices. Two South-Westerns, \$2.50; one South-Western, \$1.50. Monthly rental, \$2 to \$3.50 monthly. The Greater Exchange, 25 Montgomery, San Francisco.

LOOKED SUSPICIOUS.—You think I'm getting sort of weak in his mind? Why?

Manager—He renewed his contract for this season without making a kick for a higher salary.—Chicago Tribune.

WIFE—What was Mrs. Winslow's soothing ointment the best remedy to use for their children during the teething period.

SURE.—"What was it Priscilla said to John when?"

"You mean, 'Speak for yourself, John?'"

"Yes; what did she mean?"

"I don't know what she meant, but I know it must have been before she and John were married that she said it."—Houston Post.

SHAKE IT UP TO YOUR SHOES

Allen's Foot-Powder, a powder for the feet. It cures painful, swollen, smarting, sweating feet. Makes new shoes easy. Sold by all Druggists and Shoe Stores. Don't accept any substitute. Sample FREE. Address A. S. Olmsted, Le Roy, N. Y.

PROBABLY NOT.

Provoked Mother—Tommy, you're the plague of my life!

Tommy (snuggling up to her)—You wouldn't talk that way if somebody'd kidnap me, would you, mamma?

IN A DIFFERENT CLASS.

"I hear, Mike, that your wife has gone into society. Has she become a clubwoman yet?"

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### First Japanese Stowaway.

The first Japanese stowaway ever brought to Boston arrived on a steamer from London the other day. He gave his name as Tasuji Nakamura, aged 30, and claimed to have been a member of the crew of an American sailing vessel.

It was learned that he was a sailor on board the ship Johanna, which arrived at Falmouth, Eng., some months ago. He was starving in London when he determined to come to this country. He wandered about the docks in the Thames and stole on board the Philadelphia and hid in the coal bunkers.

Nakamura said he was all through the Russian-Japanese war, having been one of the crew of a cruiser in the Japanese fleet.

Inspector Root examined the man and ordered that he be sent back on the Philadelphia when she leaves on her return trip.

Those who keep Hamlin's Wizard Oil in the house do not have to buy any other remedy for sore throat. No other remedy will cure this trouble so quickly or so surely. Remember this.

### Declined the Part.

Percy—Esmeralda, will you marry me?  
Esmeralda—No; Gwendolen refused you last night, and I'm not acting as first aid to the injured.

### Usually They Are.

"Professor, what is the meaning of the word 'monologue'?"  
"My dear sir, consider the derivation of it. 'Mon' is slang for 'money,' and 'logos' means 'a word.' 'Monologue, words for money.'"

### Good for Sore Eyes,

for over 100 years PETTIT'S EYE SALVE has positively cured eye diseases everywhere. All druggists or Howard Bros., Buffalo, N. Y.

The chimney sweep is truly a bird of the air, for it never alights on a fence or building. It drops into the top of some wide-mouthed chimney and clings to its rough sides with tiny feet.

### The Luckiest Man.

Eben—So Miss Antique is going to get married at last. Who is the lucky man?  
Flo—The clergyman. He's going to get paid for it and assumes no responsibility.

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## SOMETHING FOR EVERYBODY

Bog comprises about one-seventieth of Ireland's area.

The Servians look upon light hair with marked disfavor.

The average snowfall in the vicinity of New York is seven feet.

A man's beard is generally heavier on the right side of his face.

The latest storm doors for large business places are revolved by electric motors.

In 1652 a ditty was imposed on negroes imported "into New Netherland to work on their Bouweries."

The chief publishing centers of Germany are Berlin, Leipzig, Vienna, Stuttgart, Munich, in the order here named.

An electric wagon with a platform supported by a strong telescope tower, is used in New York city for trimming and repairing the street lamps suspended high above the thoroughfares.

The August meteors, according to a leading astronomer, form a stream so broad that the earth, though it travels faster than eighteen miles a second, takes seven weeks to cross it.

In Japan about 98 per cent of the males of school age attend the educational establishments and 93 per cent of the females. In Mexico only 16 per cent of the population can read and write.

The Tulleres hydro-electric works, the largest of the kind in France, is nearly completed. It is built on the river Dordogne, where nine 2,700-horse power turbines produce 23,000 electrical horse power.

The Michigan Central will electrify its terminals at Detroit and the main line as far as Ypsilanti, thirty miles west of the city. Electricity will be obtained from the water power of the Huron river at Chelsea, Mich.

Edison, who has not done much in the way of improving the telephone for some time, is now working on a new transmitter, which is very sensitive and enables conversation to be carried on with greater ease and less liability of error.

Manitoba became a province in 1870. Its population was 62,200 in 1881, 152,508 in 1891 and 255,211 in 1901. The value of Manitoba's harvest last year was a little short of \$70,000,000. The census of 1906 gave Winnipeg, its capital city, a population of 90,000. There is nothing wild in a guess that its present population is not far from 120,000.

Servians in their good nature and love of humor are said to remind travelers of the Irish peasantry. They are hospitable to strangers; their patriotism is vehement, almost quixotic, and they take great interest in politics. Many of the domestics in the towns and cities come from abroad as the Servian girl is too independent for domestic service.

London ladies stimulated by the Olympic games of last summer have taken to the folla, and fencing is now the fashion. Indeed, an official of the Sword Club holds that fencing is likely to have an even vogue among women than among men. Many women prominent in the social world are actively interesting themselves in the folla, and there seems every likelihood that something approaching a craze may be started in the fencing world during the coming season.

Boston women established the first playground in 1902. Last year there were eight, and nearly \$2,000 was expended, or about \$1 for each child, a very cheap price for the amount of good obtained. The Playground League is the name of the society of the playground boys themselves, who wear buttons, and discipline all bad boys, thus making the government easy enough for those in charge. Not the least important result of the playgrounds in that city is said to be that involved in the self-government.

In the year 1694 William Patterson, founder of the Bank of Scotland, conceived the grand project of planting on the Isthmus of Darien a British colony which, in his own words, "should secure for Great Britain the keys of the universe, enabling their possessors to give laws to both oceans and to become the arbiters of the commercial world."

This colony was actually founded at a place still known as Puerto Esceces, but its people were subsequently forced by the Spaniards to evacuate and return to Scotland.

A suggestion that shoe repairing, or cobbling be made a part of the manual training activities in the ungraded schools and in the Parental School of Baltimore has been made to the authorities, but the Sun of that city sees no merit in the scheme. It says: "That class of boys who would profit by learning the trade have, as a rule, only a few years to devote to school, and those few years had best be devoted to learning how to read, write and cipher, with such other practical and necessary elementary studies as their time will permit."

Having raised \$500,000 to duplicate Andrew Carnegie's gift and having received Mr. Carnegie's check for the half million, the University of Virginia now has \$1,000,000 in cash to add to its endowment. The \$500,000 given by Mr. Carnegie will become the permanent endowment of at least six schools in the university—the school of engineering, the school of political economy and political science, two chairs in the school of law, the school of English and the school of pathology. These will be named for great men who have helped build the university and the republic.

## "HELLO!" PARIS.

Uniting France and America by Wireless Phone.

"Hello, Paris! This is New York." To start a conversation like this across the universe seems like an achievement beyond the dream of a Jules Verne or the imaginative picture of a Bellamy Storer, yet in the busiest city of the world, New York, such an experiment will take place shortly, with every assurance of success.

On this occasion, when science announces its triumph to the world, society of the nations will offer its congratulations in a unique and unrivaled manner, and will feature on its social calendar a luncheon at which Frederick Townsend Martin will preside, that for interest and charm will make all past society events seem commonplace, when the first wireless luncheon will take place in the salon of the Hotel Plaza.

While this luncheon is being served a voice will speak uniting two of the greatest nations of history. It will be the voice of America's most prominent society man reading a message of President Taft to President Fallieres of France. It will be transmitted to Mrs. Nora Blatch DeForest in the Metropolitan tower, the talented pioneer of her sex in this field and foremost woman civil engineer in the world, who will receive this message from the Plaza and send it over a radio wireless telephone at the rate of 186,000 miles a second, to a fair daughter of France in the Eiffel tower.

The salon will be decorated to resemble a forest. Trees will be in full bloom and birds singing from their branches. Presiding at this table will be Mr. Frederick Townsend Martin who will be the guest of the American Wireless association of which Dr. DeForest is president. The guests will be leading society people and scientific men of note.

Mons. Etienne Lianel, consul general of France, representing the French government and one of its guests of honor, has said that if wireless telephony is brought to a state of perfection it will become a political and diplomatic time saver.

The table will represent the Atlantic ocean. At one end will be the Metropolitan tower, architecturally raised in candy; at the other end will be the Eiffel tower. On this miniature ocean will be small ships of various nations sailing back and forth. The shore landings of both France and America will be appropriately represented.

The menus will be small telephone directories, and the dishes will be listed as telephone numbers. The place cards will be wireless messages sent from the Ritz Carleton in France to the guests assembled at the Plaza in America. These messages will be received through wireless table phones permitting the guests at both tables to converse with each other, although separated by half a world.

The waiters will be summoned by wireless telephone and at the end of the evening will be called by this means. The favors will be small radio sparkless wireless telephone outfits of very light weight and will be utilized by the guests in the ceremonies attending the luncheon and carried away to commemorate the latest gigantic feat of modern science.

It will take just one-fortieth of a second for the message to travel across the Atlantic and about one-seventh of a second to go around the world. Following this, mutual toasts will be given by the guests of this wireless luncheon who will be separated by an ocean, yet able to converse as if face to face.

The value of this marvelous scientific and mechanical feat, can hardly be estimated, and will stand among the first half dozen scientific wonders of all time. Its effect upon the transmission of commercial business will be revolutionary, and will mean that we can communicate with Europe at the cost now prevailing for a domestic telegram.

The great station in the Metropolitan tower is now being rushed to a stage of completion. This will be absolutely the finest wireless station in the world. Its cost is not comparable to that of other equipments, as the station comprises all sorts of experimenting apparatus. It is thought that \$300,000 would not cover the outlay if a structure as high as the Metropolitan tower had to be erected especially for the work. As long as the tower has already been constructed, the cost, outside of the apparatus, will be negligible.

The workings of the radio wireless phone are wonderfully simple when the complex problems involved and overcome in its creation are considered.

In telephoning, the operator talks into the mouthpiece exactly as with the wire telephone and listens for a reply through a head phone instead of a receiver. In order to get into communication with a wireless telephone station, it becomes necessary to get the instrument to the known tune of the other station and then press the buzzer key which calls the person to the phone at the other end. The conversation is then carried on as if the two operators were face to face.

The mechanical principles upon which the radio wireless telephone depend are simple enough, although there is a great difference of opinion upon the actual explanation of the phenomenon of wireless telephony. Speech is the forming of very rapid and every-varying series of vibrations in the air, and their measurement by the nerves of the ear. Owing to the resistance of the atmosphere, these vibrations grow weaker and at last disappear as we get farther from the source of disturbance. Telephony is the art of translating these vibrations into vibrations of other whose lesser resistance enables them to be carried to great distances for the translation into air vibrations again, as only the air vibrations can be measured by the ear. In the wireless tele-

# CASTORIA

The Kind You Have Always Bought has borne the signature of Chas. H. Fletcher, and has been made under his personal supervision for over 30 years. Allow no one to deceive you in this. Counterfeits, imitations and "Just-as-good" are but experiments, and endanger the health of children—Experience against Experiment.

### What is CASTORIA

Castoria is a harmless substitute for Castor-Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

### The Kind You Have Always Bought

Bears the Signature of



In Use For Over 30 Years.

THE CENTAUR COMPANY, 27 MURRAY STREET, NEW YORK CITY.

phone the air waves are translated into the vibrations of an electrical discharge which oscillates the ether.

The ether waves, sent out by transmitting station, having been there modified by the human voice, are changed back at the receiving station into such form as to effect the receiver and cause the exact air-vibrations which were made to modulate the transmitting current, and therefore, the words of the speaker are heard exactly as spoken.

Dr. DeForest bases his claims for success on his past experiments with the wireless telephone at the suggestion of Admiral Evans, who conducted the experiments on board his flagship, the Connecticut, and another vessel. Every battleship, cruiser or torpedo boat of the great Pacific fleet was equipped with radio wireless telephones before setting out on the memorable cruise. These instruments were given a thorough trial in inter-ship communication and in conversation with several wireless stations on the Pacific coast.

In the meantime, the young inventor has not been content to rest on the laurels obtained from his successful work in the navy and has carried on many experiments, both at home and abroad. In May, 1908, from the Eiffel tower, wireless messages were sent by the radio telephone to every wireless station in France. A warship off Marseilles, nearly 600 miles away, heard the transmitted messages just as distinctly as did the stations near Paris. While doing this, Dr. DeForest had equipped several of the vessels of the Italian navy and the instruments met with such decided success that an arrangement has been practically concluded for the equipment of the entire navy.

Mrs. DeForest is quite as interesting as her inventor-husband. She graduated from Cornell university in the difficult science of civil engineering. She was the first and only woman to graduate from an Eastern college in this profession. After her graduation honors were heaped upon her until she stood before the world as its foremost woman hydraulic engineer, and a remarkable example of woman's intellectual equality with man.

She was the first woman ever elected to membership in the American Society of Civil Engineers. She helped to build the greatest water works system in the world's history, being on the engineering staff charged with the building of the \$161,000,000 Catskill system. In June, 1907, she was elected fellow of Cornell university, an honor rarely conferred upon women. While at Cornell she proved herself to be the peer of any of the male athletes. She is a leader in the equal rights movement and various movements designed to improve the social condition of all women. And now she further distinguishes herself by being the first woman to engage in wireless telephony.

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### DR. T. P. WISE

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COFFEE  
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JUST RIGHT

ESTABLISHED 1850  
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The Treatment Is to Accomplish What Science Has Been Struggling to Attain for Centuries

The intense interest that has been manifested throughout the country by the wonderful cures that are being accomplished daily by epileptics, still continues. It is really surprising the vast number of people who have already been cured of fits and nervousness. In order that everybody may have a chance to test the medicine, large trial bottles, valuable literature, History of Epilepsy and testimonials, will be sent by mail absolutely free to all who write to the Dr. May Laboratory, 548 Pearl Street, New York City.

P N U No. 20.09

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It will bring you and your family into closer touch with your neighbors, the general store, the broker, the post office, the family doctor and the entire outside world. It does away with the isolation of farm life and "keeps the boy on the farm."

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If you will cut out this advertisement, write your name and address on the margin and mail it at once to our nearest house, we will send you a copy of our Free Bulletin No. 112 on

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which explains how you and your neighbors can, by cutting your own poles, buy all the rest of the material required for building an absolutely standard system at an expense of about 20 bushels of wheat each. You cannot afford to do without a rural telephone.

#### WRITE TO-DAY

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The world's oldest and largest telephone manufacturers. There are over 4,000,000 Western Electric Telephones in use in the United States to-day. Rural Telephones a specialty. Northern Electric and Manufacturing Co., Ltd., Montreal and Winnipeg.