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**DENTIST**  
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**The Mission**

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

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

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.

**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 'logue' 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 swift 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.

**Shake Into Your Shoes**  
 Allen's Foot-Powder, a powder for the feet. It cures painful, swollen, aching, sweating feet. Makes new shoes easy, good by all druggists and shoe stores. Don't accept any substitute. Sample FREE. Address A. R. Ormsby, Le Roy, N. Y.

**Probably Not.**  
 Provoked Mother—Tommy, you're the plague of my life!  
 Tommy (smuggling up to her)—You wouldn't talk that way if somebody'd kidnap me, would you, mamma?

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children's teething period.

**In a Different Class.**  
 "I hear, Mike, that your wife has gone into society. Has she become a clubwoman yet?"  
 "Indeed, an' she has not got into that class; she still uses a flatiron, sor."—New York Times.

**Habitual Constipation**

May be permanently overcome by proper personal efforts with the assistance of the one truly beneficial laxative remedy, Syrup of Figs & Elixir of Senna which enables one to form regular habits daily so that assistance to nature may be gradually dispensed with when no longer needed, as the best of remedies when required are to assist nature, and not to supplant the natural functions, which must depend ultimately upon proper nourishment, proper efforts, and right living generally. For its beneficial effects always buy the genuine,

**CALIFORNIA FIG SYRUP CO.**  
 SOLD BY ALL LEADING DRUGGISTS  
 ONE SIZE ONLY—REGULAR PRICE 50¢ PER BOTTLE

**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 Tansjo 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 starting 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.

**On a Pinch.**  
 "For the present," said the political magnate, "you will have to be satisfied with filling some temporary vacancy from time to time."  
 "I'll be more than satisfied," faltered the despairing office-seeker, "with anything that will fill the vacancy in my stomach from time to time!"

**FITS** St. Vitus' Dance and various Chorea permanently cured by Dr. J. Lee's Great Nerve Restorer. Send for FREE \$2.00 trial bottle and Brochure. Dr. R. H. Kline, Ltd., 93 Arch St., Philadelphia, Pa.

**Magic Theft.**  
 Commissioner Bingham of New York, at a recent dinner, described in a most interesting manner the methods of the skilled pickpocket.

"He is no very clever at his best," concluded the commissioner, "that one might almost believe him capable of the feat attributed to a Western stevedore. A group of stevedores were lurching in a sheltered nook of a wharf. One of them went across the street for a plug of chewing tobacco, and in his absence another substituted for his tin of pale coffee and milk his own tin of milkless black coffee. When the first stevedore, plug in hand, returned, he could hardly believe his eyes.

"Well," he said, "I've heard of clever thieves, but to swipe the milk out of a feller's coffee beats the band!"

**The Ancient Stone Slingers.**  
 It has been said that Asiatic nations excelled others in the use of the sling, and the slingers of an ancient army used their little weapons with terrible effect. "These natives have such skill," says one old historian, "that it very rarely happens that they miss their aim. What makes them so great in the use of the sling is the training given them from their earliest years by their mothers, who set up a piece of bread hung at the end of a rod for a target and let their children remain without food until they have hit it, when the child who is the victor receives the bread as the reward of his skill and patience."

**Hadn't Reached That Stage.**  
 She—So you are an author?  
 He—Yes.  
 "Oh! how delightful it must be to earn one's living by wielding the pen."  
 "Yes, I always imagined it would be."

**Handicapped.**  
 Teacher—In this free country of ours, children, any boy may hope to be President some day.  
 Curly-haired Urchin (raising his hand)—Not me, ma'am, My name's William Jennings Bryan Simpson.—Chicago Tribune.

**Suggesting a Possible Reason.**  
 "Verena," impatiently asked the mistress, "what brings that policeman to the house so much?"  
 "Take a good look at me face, ma'am," answered the cook with a simper. "Do ye think it'd scare anybody away?"—Chicago Tribune.

**Stung!**  
 Nan—The trouble with Billy is that he's awkward when he's in company. He doesn't know what to do with his hands.  
 Fan—Oh, yes, he does; he told me once that you were too many pins in your belt.—Chicago Tribune.

**Typewriters.** "New Visible Type." All makes rebuilt like new, at second-hand prices. Two Smith-Dells. It runs on from \$35 to \$45. Supplies for all makes. Merchants' Building, 22 to 24 So. Broadway, New York City. The Typewriter Exchange, 25 Montgomery, San Francisco.

**New to Him.**  
 "Whatever success I have achieved," argued the passenger with the skull cap, "I owe entirely to heredity and environment."  
 "That's a firm I never heard of before," said the passenger with the loud necktie. "How long have you been traveling for them?"—Chicago Tribune.

**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.

**Sure.**  
 "What was it Priscilla said to John Alden?"  
 "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.

**"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 carriages 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 its 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 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 juzzer 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 phenom-

**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.

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THE CENTRAL LABORATORY, 27 MURRAY STREET, NEW YORK CITY.

non 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 telephone 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.

**CRESCENT** Egg-Phosphate  
**BAKING POWDER**  
 A FULL POUND 25c. Get it from your Grocer

**A WESTERN ELECTRIC RURAL TELEPHONE**  
 Is Your Most Valuable Servant

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."

**The "Bell" Phone is the Best**  
 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

**HOW TO BUILD RURAL TELEPHONE LINES**  
 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**  
**WESTERN ELECTRIC COMPANY**  
 EASTERN: New York, Philadelphia, Boston, Pittsburgh, Atlanta  
 CENTRAL: Chicago, Indianapolis, Cincinnati, Minneapolis  
 WESTERN: St. Louis, Kansas City, Denver, Dallas, Omaha  
 PACIFIC: San Francisco, Los Angeles, Seattle, Salt Lake City  
 The world's oldest and largest telephone manufacturer. There are over 4,000,000 Western Electric Telephones in use in the United States to-day. Rural Telephones a specialty.  
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 COMPLIES WITH ALL PURE FOOD LAWS  
 Makes the Baking Sweeter, Lighter  
 Always works right NO FAILURES  
 Costs YOU Less NO TRUST PRICES  
 25 Ounces for 25 Cents BEST AT ANY PRICE or your money back

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