Great Britain imports annually from New Zealand over 60,000,000 rabbits.

The eggs of the Algerian locust yield a rich oil, which burns well.

Stem-winding watches were the invention of Noel in 1851.

Wonder of the Wireless

WHENEVER men formerly went down to the sea in ships, whether the ships were wooden whalers or Gloucester fishing smacks; whether they were long Lucanias or Oregon-type battleships, the men who ventured to cut loose from land, whether for a period of months or days, they cut loose, and they were isolated, were cabined, cribbed, confined. From New York to Queenstown they heard no world news, were rimmed by monotonous horizons, were subject to the chance of burial in mid-ocean, leaving their friends to imagine, never to know, the manner of their taking off. Wireless supplies, as it were, a sixth sense. Wireless suggests the uncanny fourth dimension. Wireless arms a ship with an immensely extended tentacle that warns, that gives messages and sends them. That insect on the bosom of the ocean is no longer lost, is as much in the world's eye as a London hansom cab or a car upon Broadway. Wireless, the mysterious, robs the mysterious deep of its most insidious terror, loneliness, isolation.

There are now six distinct methods known by which messages may be sent between stations without metallic connections. These are: 1. By induction, in which the current, raised to a high degree of intensity, is enabled to leap, as it were, from one wire to another. In Edison's plan of telegraphing from moving trains the current is transmitted by induction. 2. By conduction, in which the earth is employed as the conductor of the message. 3. Mr. Tesla's invention, which utilizes the earth, supplementing the apparatus producing the current with a conductor running up a pole for a short distance and terminating in a flat metal plate. 4. Another method which has been used in Europe and is called the ultra-violet ray method. By it the ultra-violet rays sent out from an electric arc light at the sending station constitute the medium whereby at the receiving station sparks are set free, restoring the current in an interrupted circuit. 5. Still another method employs either the visible light rays emitted from a searchlight or their accompanying invisible heat rays, it being still uncertain which ray is actually the medium of communication. This method is the basis of Prof. Bell's photophone and the radiophone of Prof. Hayes. 6. Finally, there is the Hertz wave method, which is the one successfully operated by Marconi.

In 1888 Dr. Hertz of Carlsbad, Germany, discovered that when an impulsive charge is passing through a conductor, ether waves are radiated in all directions in the space surrounding the conductor, and that these waves are in all respects similar to those of light, except that they are much longer. These waves move with the same velocity as those of light, and have the same power of reflection and refraction, etc., as are possessed by waves of light. In the Marconi method of wireless telegraphy, by means of a Ruhmkorff induction coil, a stream of sparks is produced at a gap in an electric circuit, where these Hertzian waves are emitted in all directions sidewise from the gap. By means of one of the sensitive devices known to electricians, these waves can be picked up, even at long distances from the transmitter. Marconi made the essential points of his method known in 1897, but it was not until March 29, 1899, that his success in sending messages across the English channel, a distance of thirty-two miles, called the attention of the world to the possibilities of wireless telegraphy.

Queer Stories

The Japanese government is waging a successful war on rats by paying for every dead one brought in, and giving each rat slayer a ticket to a lottery with valuable prizes.

Mrs. Nellie C. Upham was the only woman delegate at the recent American mining congress which met at Pittsburg. She is the owner of a paying mine, which she manages herself.

The women of Wisconsin have declared their intention of getting every man and woman in the State who is 21 or over to sign the petition for woman suffrage which is to be presented to the present Congress.

A permanent national exposition at Madrid, for the promotion of which an organization has been formed in Spain, will have for one of its chief objects the stimulation of scientific methods in agriculture and manufacturing.

On the basis of a bushel of corn producing 2.5 gallons of alcohol, it has been figured out that last year's corn crop in the United States was sufficient to furnish 20,000,000 horsepower for ten hours a day for an entire year.

The largest single infiltration in the world is said to be the one recently completed for Pittsburg. The sedimentation basins have a capacity of 120,000,000 gallons, and the filtered water reservoir room for 50,000,000 gallons.

A new stop watch has been brought out for use of physicians and nurses in counting pulse beats. The pressure of a button starts it and another pressure stops it and marks the time when a given number of beats have been counted.

Louisiana is estimated to waste 75,000,000 cubic feet of natural gas daily, more than one-twentieth of that consumed in the United States, and the Secretary of the Interior has withdrawn from entry 6,500 acres of natural gas fields.

To avoid the troubles besetting compasses on steel ships, the metal of which deflects the needle, a German inventor has devised a needleless one, in the form of a gyroscope, the axis of which always adjusts itself parallel to the earth's axis.

British automobile exports now amount to a value of $22,500,000 a year. Factories are full of orders as a result of the recent automobile show at the Olympia in London. About 80 per cent of the orders are for closed cars, usually of the landaulet type.

The new woman in China, instead of following the example of her English and American sisters in railing against the tyranny of men has revolted against her relations-in-law. One of the women's clubs in Shanghai proclaims as its object "rebellion against mothers-in law."

The price of feed is so high that the woman who can make money by keeping a cow this winter, should be entrusted with the finances of the nation.

TUMULT IN THE SEA.

Terrific Force of a Marine Upheaval Off Cape Horn.

A sailing ship rounding Cape Horn was caught in a dead calm, something almost unprecedented in that stormy latitude. The sky was filmed with a light haze, and the sea was flat and lead colored. About 10 o'clock on the morning of the second day the ship began to shake violently, the masts whipped and bent like fish poles, and everything movable above and below came down with a clatter. It was like striking a rock, only the shock was less pronounced at first, but increased in violence during the thirty seconds it lasted. The sea heaved in oily swells with a strange, hoarse murmur, and it continued to be agitated after the tremors ceased.

Half an hour later fish by the thousands began to rise to the surface until it was covered with them. Forty-seven whales were counted, many cowfish fully eight feet across, sharks without number and seals by the hundreds. They were evidently stunned with the force of some terrific marine upheaval, and when struck with a pole by one of the sailors showed only faint signs of life. In twenty minutes after the first fish arose to the surface they began to drop out of sight like pieces of lead. Whether they were stunned and, on recovering, immediately dived beneath the waves in a panic, or whether they died from the shock and, instead of floating as dead fish do, were drawn under by some submarine whirlpool, were scientific questions too deep for the skipper, but half a dozen of the smaller fish hauled aboard by the cook for dinner were quite dead when examined. The calm continued twenty-four hours longer before the ocean resumed its usual aspect and a wind from the southeast permitted the ship to continue its course.—New York Press.

The Narrow Path.

There are occasional doubts in the minds of the elders of the Morse family as to the quickness of Bobby's wits, but there has never been any doubt that a lesson once learned by him, however slowly, is forever after remembered.

"Won't you shake hands with me, Bobby?" asked one of his sister's admirers, but Bobby hung back.

"I don't care to," he said, with terrible distinctness.

"Don't you like me?" asked the unwise visitor.

"No, I don't," replied Bobby, and then there was a shocked chorus from the family.

"Bobby," said his aunt, reproachfully, as she withdrew him from the public gaze, "why did you say such a rude thing to Mr. Brown?"

"Because, aunty," said her wriggling charge, "I got spanked last week for not telling the truth, and I sha'n't never take any risks again!"

Encouraging Dream.

To dream that some one bears you malice foretells a pleasant prospect in your worldly affairs; and that you will soon be advanced to some important station.