## THE MODERN STEAMSHIP

ELECTRIC MARVELS ON BIG ATLANTIC LINERS.

The Latest Cunard Steamers Utilize Electricity for a multitude of Purposes.

Although much has, from time to time, been written about the two leviathan Cunard steamers, Lusitania and Mauretania, yet comparatively few can grasp the significant value, or some fifteen times the cost part which electricity plays of the electric equipment on an evthroughout these ships. A few facts erage Atlantic liner. relating to the electrical equipment of the Mauretania may be of inter-

Apart from the 70,000 h. p. of the STUBBORN turbines which propel the ship through the water, the electrical power, which is supplied by four generators, represents an addition- One Who Had Suffered for Years al 2,144 h.p.

Electricity is used not only for illuminating the ship at night, but for a multitude of other purposes, such as operating the lifts, of which there are two for passengers' use, eight for baggage and mails, and ous appetite, while others loathe two smaller ones in the pantries. the sight of food. Often there is a Alaska has not paid, for it is most-Electrically-driven cranes and win- feeling as of weight on the chest, ly a desert of ice and snow. But ches are also provided. It may be a full feeling in the throat. With it is full of possibilities. It contains of interest to know that 6,300 electochers there is an intense pain and the Yukon region next door to our tric lamps are installed throughout feeling of nausea after eating. Klondike, so that there is a posthe ship, giving the enormous to- Semetimes gas presses on the heart sibility of millions of gold coming tal of over 100,000 candle-power. and leads the sufferer to think he cut of it yet. Also the country is For heating the first-class quarters has heart disease. Sick headache fairly rich in seals. sixty electric radiators have been is another frequent and distressing fitted, to say nothing of some forty- symptom. three heaters in the bathrooms for Mr. Alex. McKay, McLellan's tory for cash, she has done a little use during the cold weather.

NUMEROUS ELECTRIC FANS

are used for ventilating the vari- ing worse and worse, and it would agreed, if certain circumstances cus rooms, and are so arranged that be impossible for me to tell how arose, to fight for him. In return they can supply either warm or cool much suffering I endured. At dif- he handed over the island of Cypair according to the weather, while ferent times I had treatment from rus. Nominally, the island was to the air in the cabins can be total- three good doctors, but it did not form a base for British troops, so ly changed six or eight times in an help me in the least. Then I began that they could be more ready I ar. Apart from the above ven- trying all sorts of advertised medi- sent to the Sultan's assistance, if MARCONI PREDICTS STRANGE t ting-fans, sixteen larger ones, cines, and took ten packages of one needed, but its transference pracct 10 h.p. each, are fitted for sup- medicine specially intended for tically amounted to payment in adplying forced draught to the twen- dyspepsia, but with no better re- vance for the promised help. ty-five boilers.

Mauretania electricity is called up- feel that I would be a continuous on to play an important role, and sufferer, when one day I read in it may interest some housewives to a newspaper of the cure of indigeslearn that one range alone has a tion through the use of Dr. Wilfrontage of about 60 feet, and in- liams' Pink Pills, and I made up my cludes a roaster with four vertical mind to give them a trial. I had spits rotated by an electric motor, used nearly five boxes before they these spits being capable of dealing began to help me, but I do not wonwith half a ton of meat at a time. der at this as my case was so bad. roaster with three spits, driven in rills, and they cured me completethe same manner. In the bakery ly. I can now eat anything we electricity is employed to operate raise on the farm for man to eat a large dough-making machine cap- and have no longer the pains and able of making bread for at least discomfort I had endured for years. 2,000 persons.

slicing ham and bacon, four potato quite at liberty to use what I say peelers, a whisking machine, sever- in the hope that it will benefit some al egg-boilers, numerous hot-plates other sufferer." plate-washing machines, and two ice-cream for the passengers, to say nothing of

THE COLD-STORAGE PLANT

and the electrical printing press which enables the 'Cunard Daily Bulletin' to be published on board.

Some idea of the size of the vessel may be obtained when it is mentioned that over 200 miles of wires and cables are fitted throughout the

installation on the Mauretania sur-Lasses anything hitherto attempted in connection with ship work. Bellpushes are placed over every bed, and altogether 1,298 electric bellrooms.

telegraph outfit, which enables pas- ters, says Pearson's Weekly. sengers to learn all that is going on in the world just as if they were easily takes first place where big a goldsmith's shop in Lombard in a first-class hotel in London in- transactions in real estate are con- Street, and soon afterwards was stead of miles from land, means has cerned. Our Yankee cousins have enabled to purchase at a great barbeen provided for coupling the ship bought more land for hard cash gain a quantity of the finest diaup to the city telephone exchanges than any other nation. Private monds, which had been offered for when lying alongside the landing speculations have been quite out- sale by a sailor who had just come stages at Liverpool or New York, done. America's first bargain in ashore. Ward's stock of diamonds thus enabling passengers to com- this direction consisted of the pur- soon attracted the attention of the municate with their friends or to chase of a whole state, out and out. Court, and he obtained the custom transact business the moment the vessel touches the quay, or to say good-bye to friends in distant parts of the city up to the time

# THE BOAT LEAVES LAND.

board this wonderful ship, as, for ana and Florida. The Redskins security, and here Ward saw his instance, showing the officer in had the rest. instance, showing the officer in had the rest.

pushes in prominent parts of the to sell it to the Yankees.

special buoys have been provided for use at night. These, upon being released by pressing a button, Besides, if the State still belongautomatically light a flare upon ed to France, the United States various saloons and important situ- cans would be compelled to spend ations throughout the ship.

vessel represents about \$325,000 frontier against possible trouble

Cured by Dr. Williams' Pink Pills.

The symptoms of stomach trouble vary. Some victims have a raven-

sults. I had practically come to In the extensive kitchens of the regard myself as incurable, and to It is several years since I was Among the miscellaneous appara- cured, and I have never felt a symptus driven by this wonderful unseen known in this locality and you are

twelve-quart freezers for making six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville,

BIG POWERS KNOW HOW TO GET VALUE FOR MONEY.

The electric bell and telephone Yankees Have Bought More Land \$20,383,110. for Cash Than Any Other Nation.

The maligned ladies who are pushes have been fitted in the vari- made fun of in the comic papers, cus cabins, etc., whilst telephones, because of their fondness for freof which there are upwards of 100, quenting sales where everything is are to be found in numerous parts to be disposed of at an immense of the ship and in all the best sacrifice, are in very good company. Some of the biggest Powers of the Apart from the Marconi wireless world have been keen bargain-hun-

The United States, for instance, Charles one William Ward opened

land was the only country which pointed him her jeweller. The rest had any settlement in North Ameri- of the story can be told in a few ca when the war of Independence words. A Lord Dudley of that day broke out. This was not so, how- being in want of £10,000 came to ever. England held only thirteen Ward and asked for a loan. For-Electricity also plays an import- of the States which at present form tunately or unfortunately, he was ant part in the safety devices on the Union. Spain possessed Louisi- able to offer but little in the way of

charge which water-tight doors are Napoleon forced Spain to cede Ludley had a granddaughter, and, actually closed and what navigat- Louisiana to him. But he could if Lord Dudley would consent to ing lamps are lit. It is also employ- not said either warships or soldithe match, the money should be "In all ways, science is more and ed to operate the fog-horn from the ers to protect it, and he saw that it handed over. This was accordingly more studying to perfect the prac-

They promptly accepted it, and paid him Four electric searchlights are \$10,750,000 "cash down" for it. carried on board, and, in addition They made a splendid bargain, for to the usual complement of Lie- Louisiana could not be purchased buoys which every ship carries, two row for fifty times the sum given.

## \$15 A SQUARE MILE.

striking the water, thus indicating would be in exactly the same positheir position. Mention must be tion as we are in India-as we have made of the system of electric t. keep up a great army to defend clocks, which are placed in the the Indian frontier, so the Amerimillions of dollars yearly on an The electric installation on this army capable of defending her with her French neighbors.

> Uncle Sam's next bargain was the biggest on record. Alaska is a vast tract of country, 580,107 square miles in extent-more than four times as large as Great Britain and Ireland. For a long time it belonged to Russia; but it was never much good to the Muscovites, and in 1867 the Czar let it be known that it was in the market. Great Britain could have had it, but refused to bid. The United States snapped it up for \$7,250,000. They got it cheap, paying less than \$15 a square mile.

Up to now, it must be admitted,

Although there is no record of Britain buying big tracts of terri-Mountain, N. S., says:-"For years bargaining. In 1878 the Sultan of I was a great sufferer from indi- Turkey was in deadly fear of being gestion, which was gradually grow- attacked by Russia. Great Britain

BRITAIN'S BEST BARGAIN.

The "certain circumstances" have not yet arisen, and we have not fought Russia or any other country on Turkey's behalf. So Cyprus is not yet paid for.

1885, for the "Ansidei Madonna," by Raphael. When his Grace of he said: fered the picture for sale every art gallery in the world was anxious

to buy, but Britain outbid them all. by Great Britain in 1875. The even have been closed to her warships and opened to an enemy.

But the largest shareholder was those safely at home. Ismail, the Khedive of Egypt. In 1875 he was on the brink of bankruptcy, and offered his shares, numand France would gladly have within the lifetime of our genera- many little ways it will be so. Do

trolling voice in the great water- day.

The family fortunes of Lord Dudicy, the Governor-General of the Australian Commonwealth, had their foundation in a chance customer at the shop of an ancestor in Lombard Street. So, at any rate, says tradition. The story gees that in the reign of the first Some people suppose that Eng- of Queen Henrietta Maria, who apwhich there are thirty-eight alarm- something. So, in 1803, he offered o increasing ever since that date. be ships upon the seas. The mys- grance and delicious flave.

# 6. The Many Uses of a Good Sewing Machine

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- The woman who uses a Singer mey have everything in needlework she can desireshe is better dressed at much less cost: her children are clothed according to her own taste and ideas; she has attractive table linen, and an unending supply of dainty underwear.
- Moreover, she is free from the worry and delay which always comes with the use of a "cheap" machine.

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THINGS NOT FAR AWAY.

Says We Shall Catch the Energy of the Sun and Store it for our Own Use.

That steamships will run by sunshine is the opinion of Guglielmo The British Government holds the Marconi. The inventor of wireless record of having paid the highest | telegraphy has come to America to price ever given by a nation for a increase his trans-Atlantic service picture. This was \$350,000 given to from a capacity of 5,000 words a This is in addition to a smaller I used in all a dozen boxes of the the late Duke of Marlborough, in day to 20,000. After predicting a the lines and the noses of men. great future for wireless telegraphy |

in the coincidence of scientific dis- men of science are patiently studycoveries, which on first thought are ing the problem of utilizing the en-Another good bargain was made quite unrelated to each other. The ergy of the sun-storing it, in fact development of the airship, as -so that the generation of electric Suez Canal, which, as everybody shown in the astounding perform- force may be cheapened by its use knows, is the short cut to Inua, ance of Orville Wright's machine to a point where the storage batwas constructed by a French. com- in Washington, would seem to have tery on a large scale will be an ecopany founded by De Lesseps, the nothing in common with the perfect nomic as well as an shares of which were held by pretty tion of wireless communication, and ACADEMIC POSSIBILITY. al egg-boilers, numerous hot-plates All medicine dealers sell Dr. Wilfor keeping the food warm, five liams' Pink Pills or you can get though the nation most interested great airships which are to come, used may in the interval be brought. in the conduct of the canal, had at sailing at incredible speed and at to do its work and so bring about first no real control over its man- unforeseen and varying altitudes, the monster storage battery sooner agement. In time of war it might could never without the wireless 'speak' each other as ships do at sea and so remain in touch with

LIFE AN EASIER PROBLEM.

bering 176,602, for sale. Germany come into general use, and that than it is for most of us now. In bought them, but they were fore- tien, not for freight, perhaps, but you know that in many laboratories stalled by Lord Beaconsfield, who for people surely. In fact, as I look they are coming close to letting us snapped them up at a total cost of into the years to come, I am con- see the person who is talking to us vinced that life will be an easier at the other end of the telephone This made Great Britain the chief problem, a more genial function in connection? And if they can do shareholder, and gave her a con- the scheme of things, than it is to- this, if they can transmit the light

continue to decrease, as I believe only hear, but see the opera in proit should, at least for the present. gress in a faroff building. With the growth of intelligence 'And, going back to my own among the mass of people there hobby of wireless communication, I will come a realization of the folly want to say that we shall not have of rearing more children than can to wait long for the wireless telebe properly fitted to be efficient | phone. De Forest and his colleagues members of society. Quality, not are doing great things in that direcnumbers, will come to be the stand- tion." ard racial excellence, and the present anomalous condition wherein A man is always willing to con the number of children in a family fess faults that he thinks he hasn't. is inverse ration to the earning capacity of the parents will have dis-

appeared. "The condition to-day is not one of race suicide, but of social comlightenment of the average men and goods. women continues to its righteous turning point there will come an end of congested cities, with their some are remodeled by a dressmakwretched and starving children of er. the tenements, their crimes, their killing competition and their discouragement of the gentler

ASPIRATIONS OF MEN.,

WONDERS OF THE FUTURE | terious primovael voice of the ocean will continue its small over the buman imagination. But there will not always be steamships. They will pass the way of their predecessors, and ere long we shall cross the ocean in ships run by electric power. There will be no grime of coal smoke, no sickish odor of stale steam, no blazing caverns in the lold, where human beings with staring eyes and blackened faces sweat their lives away that the pulse of the engines may not stop. The storage battery will take the place of coal and fire and water. Instead of coaling, the great ship will quietly and cleanly renew her batteries at her journey's end, and if coal is used, it will be far from

"Furthermore, I look for the time when coal will cease to be our only "There seems to be a happy fate source of energy. In every land

> used may in the interval be brought. than we now expect. But, somer or later, we shall enslave the sun's

> rays to our uses as we have the

other products of his being. "Ah, yes, life is going to be a "And the airship is certain to better experience for our children waves of images at a distance-and. "Aside from the economy of la- i: looks as if science is bound to ac-Lor which follows the conquest of complish it-I am voicing no ex-Nature's forces, there will be few-travagance in saying that we may er people among whom to divide yet sit in our homes on a cold winthe benefits. The birthrate will ter's night, turn a switch, and not

A man would rather give himself away than be sold by a woman.

The more a man talks the less he mon sense. And if the present en- can be depended on to deliver the

Some women are self-made and



Only the choicest selected hillwheel-house, and for the system of was practically certain to fall into agreed upon, and the fortunes of tical comfort and well-being of the grown tea leaves are used in "Safire alarms, in connection with the hands of England unless he did the family may be said to have gone world. Of course, there will always lada" Tea, giving it a delicious fra-