

FARM LIFE HAPPIER.

stay at home if he has a car. He fraternal co-operation among farmdoes not feel himself rooted to the ers. spot, His wife and children will be happier and more contented. the grange flourish, the opportuni-An automobile brings freedom — ties for recreation and social Betterm from the limit ties. Social Betterm are naturally multiplied ling the farmer to make To the farmer a car is far more

"him a better worker by giving him more invaluable service. not otherwise have. Its broadening is only natural. When a man shuts mental effect is one of its greatest himself off from his neighbors and benefits to him.

Once the farmer has an automowith his family, with the cool breeze blowing away the fever heat of the day's work in the fields. He finds himself able to go on pleasure trips, to pienies, and so on, with to he was unable to enjoy because of the distance to be covered in the

Hard Work of the Farm

gave him the needed relaxation. and relaxation out of a horse. In of little ones. the second place, the chances are Progressive farmers to-day ap ing's drive. At the same time, an youth than any other means. automobile costs money only when And of course of an automobile in

fire, trying to keep warm, and bringing of the children. A car liquid into the molds. And we dreading the next trip, he will have provides just the safety valve need- watched the metal gradually hard- some one in here," said my friend

ation and intercourse, drawbacks.

THE GREAT STEEL PLANT.

and because it does it is one of the foremost influences 'n fostering a The farmer does not now have to strong sense of good fellowship and

When the church, the school and

Social Betterment are naturally multiplied. In enabling the farmer to make the most of these institutions the automobile

hear a mere luxury. It is a vital helps to support and develop them hecessity to him and his family. It This influence of the automobile

loses interest in them or what they are doing. He gets so that he cares forward to summer evening rides very little about anything but what sphere. He builds about himself, as it were, a Chinese wall of indifference.

Another argument for the car on the farm lies in the fact that while his wife and children, which hither- in the city the working unit is generally only the head of the family, on the farm all hands turn in and time at his disposal. Many a man help. There is work for young and has reported that he doesn't feel old. And while the farmer himself does his full share, he has certain advantages, as compared with his as much as he did before his car faithful helpmate, who is not only tied down to the house, but also A man can't get the same rest probably has the cares of a family

he is sorry for the brute. If a man preciate that the women folk dehas any sympathy and feeling for serve a better, brighter life. And animals he knows that they must nothing has made the life of farm have rest over night and on Sun- women brighter and broader than days. A horse is too slow and the the automobile. An hour's ridetance he can cover is to small a visit with laughter, song and gay for any one really to get any great ety, do more to erase the marks of amount of recreation from an even- care and preserve the roses of

in actual use, unlike the horse, the family proves beneficial to a which is a constant expense. the family proves beneficial to a man and his wife, it cannot help come with comfort and just and spirits of the growing boys and lift up the molds and disclose the one of the offices. While I was one of the offices will be in interpulted in Fifth Avenue. make to town, the farmer can ed to let out the excess energies en. And we watched the workmen next day, and I followed him into

CHIPP'S BIG STEEL WORKS friend, who turned to me and re-

It Is Remarkable the Easy Way

Metal is Worked in Making

surreptitiously. It savored somewhat of prison procedure, writes a correspondent in the Philadelphia have rever seen anything like it be-Ledger. Undoubtedly, they re- fore. quired my photograph for some means of identification if need arose. They desired to make sure doubt now that they wanted my worked. It might have been pot- So to the pottery we went, and agents all over the world-and by the hammer which made the parted for the place where the cele. ful watching of mine in the archives of Krupp's.

At the time I thought it queer the archives of though the archives of though the archives of though the archives of Krupp's.

What an animated scene met my with the mouth wide open, and the eyes. Men walked about rapidly in pairs carrying between them crucipairs are thought to meter out to meter

wise to go wandering about or you they were sheets of tin. might get into trouble. You wont'

pride of Krupp s—a giant steam-hammer that has been in use since the armor, te rolled out to vari-that deadly liquid on the carriers. So that teetning, headache, or ear-those pots sollt asunder and spill those pots sollt asunder and spill that deadly liquid on the carriers. Curious sign of irritation in the 000, and is as good to-day as ever, ous temperings it has to go through kind of earth which can withstand broken and uneasy, is a common so it has repaid its cost many times and the baths and scourings and a greater heat than vessels made of symptom of the onset of serious beneath it, and "Fritz" cracked it perfectly without so much as touching the kernel. Yet the same hammer can deal a blow of 50 tons which

no metal can withstand. I was told that there were 160 of Krupp's they cannot get on without | works." Britain, for at least one steam hammer I saw was made in Sheffield.

Miracles of Science. The noise, of course, was madsounds from afar.

An official said something to my marked: "Come along. If we hurry ve shall be just in time to WHA' AN OUTSIDER SAW IN see a sight you will never forget.'

I thought it very strange that Krupp's should take my photograph of the works. The steel seemour very existence and went on with placed German army officers are not allowed to see all the works In stretched and pulled and shaped until it got longer and longer. I look at the pottery."

was the easy way the metal was day. metal so ductile.

cutting through armor-plate four bles full of white-hot liquid steel on suffering from enlarged tomsils, inches thick just as though it had long metal bars. There was no fall which impede its breathing; if it Dealing a Heavy Blow.

"You mustn't be surprised at anything that happens here," said my friend. "The officials here have to take care. By the way, is isn't wise to go wandering about or you to take to go wandering about or you to the take to go wandering about or you to the take to go wandering about or you to the take to go wandering about or you to the take the take the take to go wandering about or you to the take the

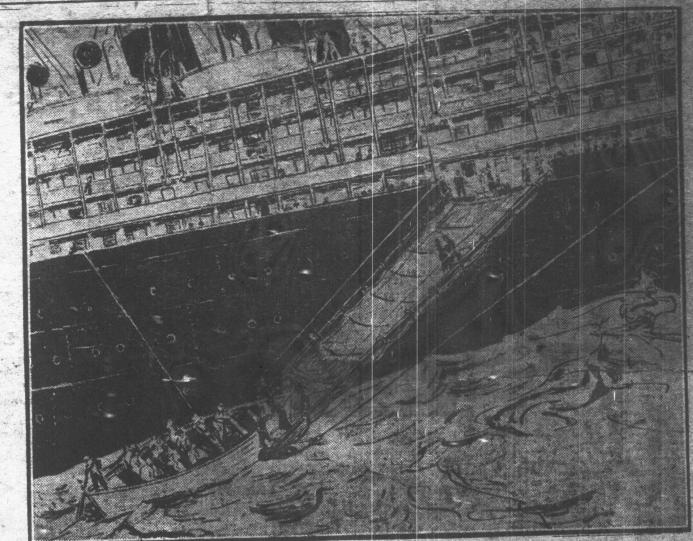
Wheels of Woe.

when he started to build ous thicknesses just like so much but the pots did not split because stomach or bowels is the constant Fritz. The hammer cost \$500, pastry. After witnessing the variover in its half-century of hard hit- rollings, I realized it must be cost- armor-plate itself could withstand. illness, but any extreme torpor and ting. Kings have cracked nuts with ly. But I was rather staggered it. I did the same. I placed a nut when I found that armor-plate made on the Krupp principle costs \$550 a ton, and that there is about \$2,500,000 worth around the hull of a modern battle cruiser.

"It's wonderful?" I exclaimed. My friend only smiled. "We'll these great steam hammers in the go along and see how they make the place. I can quite believe it, for I celebrated weldless steel wheels saw a large number, and if the facts for artillery," he said, "and then are correct, they must have cost we'll let you into the great secret several millions of dollars to build. of making crucible steel-the se-I noticed, however, that even in cret which gave birth to these

> We went outside. A motor-car a bit too far to walk."

the clanking and hammering of train of trucks go by, and after be- big guns are tested. Like every- tained in the bullet to greatly metal. Even where there is no ham- ing jostled across railway metals, thing else at Essen the ranges are lessen the pain or shock in the nermering going on you can hear the we stopped outside another big gigantic, one of them being 16 miles vous system of a wound even in the workshop.



The Emergency Marine Gangway-It Might Have Helped in Case of Lusitania.

This ingenious and practical means for enabling passengers to embark to lifeboats, or for the reverse operation after rescues have been performed during stormy weather at sea, is the recently patented invention of Captain Arthur N. McGray, a widely-known ship-master. It has been carefully examined by many experienced authorities and officers who have participated in recent noteworthy examined by many experienced authorities and officers who have participated in recent noteworthy rescues and bears their highest endorsement as answering the recommendation of the London Conference on Safety at Sea that "suitable arrangements shall be made for embarking the passengers in the

This structure is portable and quickly thrown into operative position. It consists of two long booms, boats." which are swung out at right angles to the side of the ship, about fifteen feet apart, and have suitable floats attached to their outer ends. Between the booms is stretched a strong wire net over which passengers can readily pass. The equipment is held securely in place by guy-lines. Thus, lifeboats are lowered to the water with only a working orew in them. When safely affoat the boat is brought headon to the outer end of the emergency gangway and there temporarily moored, while, under the direction of an executive officer, the proper number of passengers only are permitted to enter the gangway and thereby "safely and sanely" reach the waiting boat.

In the case of the Lusitania, several boats full of passengers were capsized as they struck the water, and many lives were lost which might have been saved had some such device as that shown above been and many lives were lost which might have been saved had some such device as that shown above been

in operation.

wheels are made." In the Hands of the Potter.

It was a vast workshop, and over it were molds for wheels. watched men pour

for it was between two and three about Krupp methods. hundred feet wide and over an No man in Krupp's is allowed to The miscreants who blew up the eighth of a mile long. A big gal- know too much. Correspondence Court House should be run to earth

"Pottery?" I echoed. "What are they doing?" I asked. ing cast steel is carried in clay pots ing, but I thought they were mere "Making a gun barrel." and they turn out five thousand of ly workmen who were not very What struck me as remarkable these pots in the pottery every busy.

ter's clay instead of steel, so soft when we had seen the men busily for Krupps' have the most perfect did it appear to be. Of course, it engaged in making crucibles, as the secret service in Christendom, with was the tremendous force exerted earthenware pots are called, we de- of a child may be gained by care-

What an animated scene met my sleep.

with their burdens of scalding met- hand will be found to be carried "Fritz," I found out, was the pride of Krupp's—a giant steam—

I saw the Krupp armor made, but al in their clay pots. Every moment I expected to see some of ment I expected to see some of the teething, headache, or ear-Steel Without a Flaw.

> I watched the men filling a huge feverish ailments, such as scarlamold which, when it was complet- tina and measles. Convulsive ated, would be a 60-ton block of steel. tacks are nearly always preceded Drop by drop the molten steed was by the tight clasping of the hands, being poured into it. And that is with the thumbs folded into the the secret Krupp discovered. By palms, and the stiffening and curlpouring in comparatively small ing up of the toes. quantities of molten metal at a time air bubbles were given a chance to escape, and a flawless block of steel was the result. A simple idea, but it was worth mil-

ions of pounds. My head was beginning to ache, long. This is used solely for test- most vital organs.

"Here we are. This is where the ing the biggest of guns. Unfortunately, there were no but guns being tested at the time, and I had to be satisfied with examining armor- were more crimes of violence and plates that had been used for pre- bloodshed than at the present time. Attempts to blow up cathedrals, the boiling vious tests.

Crime in New York Alarming.

There has never been a period :

the history of New York when the

showers. Mysterious murders are

the pleases.

and spirits of the growing pows and girls on the farm. It gives the formobile also facilitates of facilitates of intercourse; drawbacks.

If the molds and disclose the offices. While I was one of the official to whom my waiting, the official to whom my friend was talking looked up some of the offices. While I was one of the official to whom my waiting, the official to whom my office is interrupted in Fifth Avenue. The deadly bomb has become as the town pump at the offices. While I was one of the official to whom my office is interrupted in Fifth Avenue. The deadly bomb has become as letters in a case, and calling a letter gun-carriages. It seemed I was messenger told him to take the letgun-carriages. It seemed I was messenger told him to take the letters along to some one in the next daring as in the days which predefine must have been tremendous, a little later, and learned a lot about Krupp methods.

lery ran all round it, and there was going from one room to another is and sent to prison if all the rehammer at the other end of the long workshop. "Don't stand too great extent in drinks of various other flavors, while several suspended cannot read it. A man may have and order in the State of New York in drinks of various other flavors, while several suspended cannot read it. A man may have close," came the injunction.

A mighty mass of glowing whitehot metals came gliding along an overhead rail and came to rest under the hammer. Then the hammer at us. They ignored mer began to work. The steel seem—our very existence and went on with the making and control of the works. Even highmer began to work. The steel seem—our very existence and went on with the making and rail and came to rest under the hammer. Then the hammer at us. They ignored the works. Even highmer began to work. The steel seem—our very existence and went on with the making and rail and came to rest under the hammer at us. They ignored the works. Even highmer began to work. The steel seem—our very existence and went on with the making and rail and came to rest under the building the making and rail about with th prevent a man gaining more in-formation than is necessary. Krupp "Yes. The molten metal for mak- agents are everywhere in the build

Much information as to the health Back and forth walked the men In cases of pain in any part the ed, as these frequently precede

New Bullet Cures.

Mr. Alex. F. Humphrey of Pittsburgh, Pa., has invented a bullet posite to some respects of the so I was rather glad when my friend "poisoned bullets" mentioned in suggested luncheon. We rode back the early dispatches of the war, for "Get in," said my friend. "It's to the Essenhof Hotel and partook it carries in its nickel jacket anaesof a meal, after which, as a change thetics to deaden the pain of its dening. Wherever you go at Krupp's you cannot get away from pull-up once or twice to let a works taken over the ranges where the heal it. Enough narcotics are con-

Immense Quantities of Ice Crean Consumed.

Ice cream dealers are making plans for a busy summer, the period of their greatest prosperity. A large city on a good hot day, consumes about 50,000 gallons, or 200, 000 quarts of ice cream. One ha firm alone has been known to sell 20,000 gallons in the stace of twen-ty-four hours, which shows just what a great city can do when it goes out on an ice cream calebra-

The trade is one which is affected very quickly by weather conditions and the reports from the weather bureau are scanned closely in order that the proper amount of los cream for a certain day can be made. While the product can manufactured and stored in coolens for future use without the alightest deterioration, still the fluctuations are so present that a uniform output each day cannot be maintained. A drop in temperature coming over might will send the ice cream business to a trac-tion of what it was on a previous hot day.

The first indication of a hot snell n summer finds the big freezers working at full capacity to prepare for the emergency. Goole' went er will meth a decided diminution of the product and a building up rches and court houses occust the stores of milk and ere



ORONTO'S MOST POPULAR SUN MER DISSIPATION IS CITY DAIRY CREAM-the demand has spread from year to year until it is now on sale in nearly every town in Ontario. There seems to be something about the climate of Canada that makes it the confection that everybody craves in warm weather-infants, invalids, children or grownups, it makes no difference what your state or station. City Dairy Ice Cream is most refreshing, nourishing and digestible.

for Sale by discriminating shopkespers everywhere

