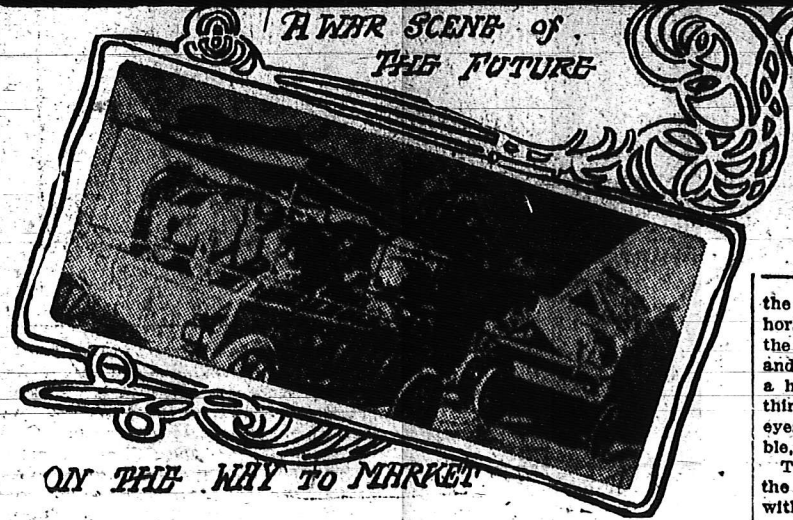


AUTOMOBILE--MONARCH



A WAR SCENE of THE FUTURE



ON THE WAY TO MARKET



The Marquis de Dion of France, Celebrated Promotor of Mortoring, and Who May be Said to be the Father of the Automobile, Predicts That in a Quarter of a Century It Will be the Dominating Locomotive Force of the Earth. Various Other Prophecies He Makes in Perfect Good Faith for the Development of the

BY THE MARQUIS DE DION,
French Promoter of the Automobile.

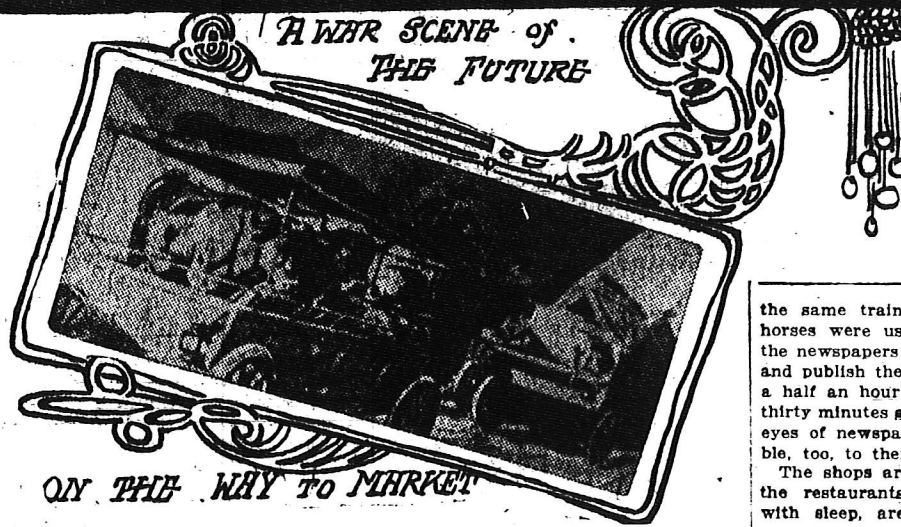
SUPPOSE it to be the year of the automobile, 1930. Let us take the aspect of our cities first. It is Paris; the Place de l'Opera; the time is 5 o'clock in the morning. The late night birds, the idlers of the clubs, who have just left the gaming tables with the dawn, the noctambulists of joy, are leaping into the automobiles which stand waiting for them. The mechanician in his seat pushes a lever. The motors depart. But already the automobile street sweepers and the automobile street

markets with their huge burdens of fresh vegetables, are returning again with all celerity to the country and the farms. Seven o'clock! Then all Paris is really wide awake; the day has begun; from one end of the city to the other all is life, intense, strenuous, frenzied. The auto omnibus, three times as quickly as their schedule of today, empty their fares from all the outlying quarters of the city, the humdrum army of clerks and petty employees by the thousands and tens of thousands. Other auto 'buses speed to the outskirts and speed back again, bringing in less than ten minutes the workmen of Paris to their shops. Every one of them has been able to snatch an extra half hour

the same trains as in the times when horses were used for the same service, the newspapers have been able to receive and publish the news of the entire world a half an hour later. The value of this thirty minutes gained is inestimable in the eyes of newspaper people, and incalculable, too, to their subscribers. The shops are opening; the waiters in the restaurants, their eyes still heavy with sleep, are dusting up. And from every corner of the street surge the auto wagons of delivery. There is no longer any place of business of any consideration which has not its own motor runabout. They glide, quick and nimble, steal about and worm themselves everywhere, and every one of them supplies the place of ten shop boys of the stores of other times. In the hubbub and midst all these errand motors there begin to be noticed now the indispensable miniature machines, veritable playthings almost, that one buys for the price of a motor cyclette in 1906. The dust which powders them or the mud which has spattered over their wheels and fenders show that they have thus early done a good bit of traveling.

THE MOTORETTE.

This motorette, in fact, is his little gray flag which has whisked its owner into town



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But already the automobile street sweepers and the automobile street sprinklers are filing along the length of the boulevards. In the twinkling of an eye the thoroughfares are purified and made healthful. Paris is rubbing its eyes and awakening. And here, in fact, behold the first trucks appearing to gather up the refuse of the kitchens and the factories. From door to door watch them go swiftly. A little mechanical windlass governed from the motor hoists each receptacle to the height of the wagon, to descend again for the next garbage pail, after its seesawing of emptying and lifting.

The huge milk wagons coming in from the dairies at the rate of fifteen miles an hour are bringing us our morning breakfast, while the trucks of the hucksters, who, during the night have reached the

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And now consider the letter carriers, who are gathered at the great central office where all the postal matter for Paris is received. In light, agile motor mail wagons they are scattered with their mail in one-quarter of an hour in all the eighty quarters of the vast city. The first mail will be entirely distributed by half-past 7 o'clock. The newspaper kiosks are already open. All the journals have been spread over all Paris in twenty minutes after they have left the presses. And, furthermore, the newspaper automobiles of all the great dailies have an hour before delivered at the railway stations all the editions for the country. Leaving by

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THE MOTORETTE.

This motorette, in fact, is his little gray flag which has whisked its owner into town in a jiffy from away out in the country. Grace to its surety and speed, and because one does not have to feed it with oats, your little shopkeeper or mechanic is now able to live under the blue sky among the fields, where he has a nice comfortable cottage all his own. And for his convenience, too, there is now in every street in town a stable or garage or a court sheltered for the purpose where one may put up his gadabout till evening comes, unless he happens to use it or hire it out for an afternoon spin on business or pleasure. At night he is off again and home at a very considerable saving of time as against the old time.

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How Spies Open Letters Without Tearing the Paper

IN FORMER years the "black cabinet," as an institution, flourished in every European country. The black cabinet

gummed side of the flap. Once the flap is undone it is pulled out, and it becomes an easy matter to handle the contents of the letter.

carefully, so that unless the envelope is closely examined the fact that it has been cut open would escape notice. Of course, if the receiver of the letter were to suri-

perceive the strip of gum
In many cases where the
sealed down with sealing wa
kind of seal without being
It is possible to pass an inst
the flap, a long thin pair
passed through the aperture
to grip the contents, which
round the pillars and with
being read the letter is re

MARCH OF THE WORLD



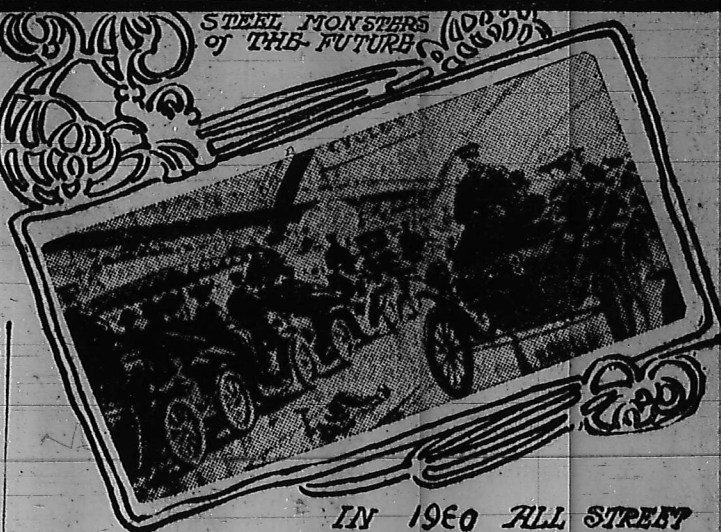
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auxiliary which has simplified their labors in a most extraordinary manner. Where formerly twenty hands were necessary during entire months, one has now one machine and one conductor during a few days. The motor has revolutionized our agriculture.

AUTO IN ARTILLERY.

But it is necessary to take a look elsewhere in considering the profound penetration of motor power into all branches of life and all conditions of civilization. If in the town—if in the country—the motor is being put to every usage conceivable, it is to the army itself we must look to find perhaps its most stupendous service. Grace to the motor, modern strategy has been tremendously modified, and cavalry has utterly disappeared. Artillery has become extraordinarily lively and the commissariat can revitalize an army with a sureness and rapidity that was never dreamt of till the entry on the scene of action of the little nimble motor. It has become, in a word, the indispensable collaborator with the modern god of battles.

Two or three times during the past ten years there have taken place valuable experiments in mobilization, and the automobiles of our biggest manufacturers as



STEEL MONSTERS OF THE FUTURE

IN 1960 ALL STREET
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pearing turret." The whole outfit, the men, the gun, the motive machinery of the apparatus—all are absolutely out of reach of ball or shrapnel, which strike and flatten themselves out like spit balls upon the special blinds of armor which incase the machine, and are absolutely invulnerable. These particular automatic armored guns can betake themselves from one point of the field of battle to another with a speed that is dizzying, succor a menaced wing, reinforce the next moment a body of soldiery that is just losing its advantage, recover the advantage and in an incredibly short time assure a victory.

As to the infantry, the automobile is forever now its precious, its invaluable

each company, like each battery of artillery, etc., has his rolling automobile kitchen on wheels, which has found en route the beef and vegetables necessary for its preparation, all the time rolling along with the regiment—and cooking the good hot soup which will make your soldier forget his fatigue and fit for fighting the next day. Do not smile. It has been found that a soldier's bellyful of good hot soup has had a decisive effect on the fortunes of war.

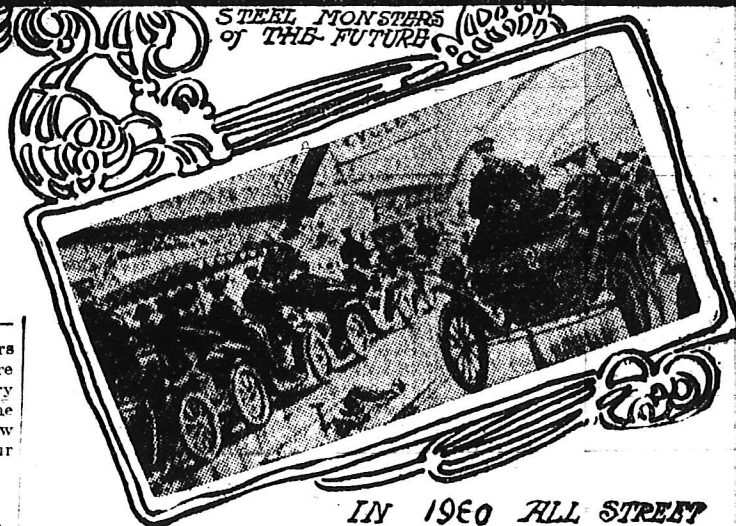
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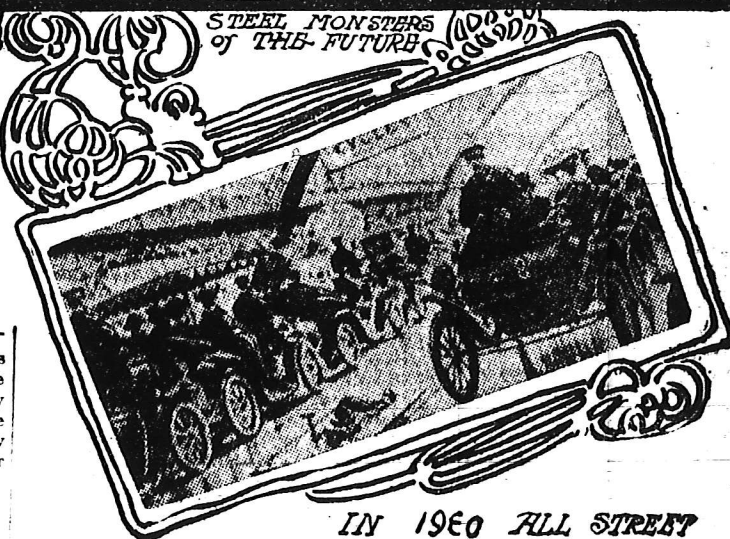
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Two or three times during the past ten years there have taken place valuable experiments in mobilization, and the automobiles of our biggest manufacturers as well as those of private parties have been pressed into requisition just as formerly were horses, and in a few hours they were massed at the frontier, a formidable force both by their numbers and the celerity of their evolutions.

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Now we have military supply wagons, motor cars strong and quick and regular which follow the columns without embarrassment to them, sometimes even preceding them when it is necessary, and working in a radius of action of a very great extent. The impediments which used in other times to discommodate marching infantry are among the things that were.

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Moreover, thanks and yet again thanks to the new automobile, the officers who are in charge of directing and co-ordinating all movements of the troops can, with the help of the military motor, be in all parts of the field at the same time, to see everything that is going on from all important points, run hither and thither about the battleground with amazing swiftness, reach in the twinkling of an eye wherever their presence is imperative. They have at their disposal the best perfected motors put into requisition the first day of the mobilization.

So the whole fabric of the army has been revolutionized. Modern tactics have completely new means at its disposal, and powerful means which it knows how to efficiently employ, owing to all the successive experiments in the natural drills which have been held each year from 1910 to 1915.

ive the strip of gummed paper. many cases where the envelope is d down with sealing wax or a special of seal without being gummed, and possible to pass an instrument inside flap, a long thin pair of pliers are d through the aperture of the flap up the contents, which are then rolled the pliers and withdrawn. After read the letter is replaced by being ded in the envelope.

Is Dearth of Genius Due to Lack of Intermarriage

FOR a good many years past there has been a singular scarcity of really great men, which is all the more remarkable because we have never before had so many men of a high order of abil-

ity. What is the reason of this scarcity? If the common belief is correct that the birth of a great man is an accident, we have a simple explanation.

But philosophers prove that there are no accidents. Everything that happens has a definite cause, that cause is the

lish woman. Browning was compounded of many strains. His grandfather came from Dorset to London and married a creole from the West Indies. The son of this union married a lady from Dundee, whose father was a German and whose mother was a Scotch woman. The poet con-

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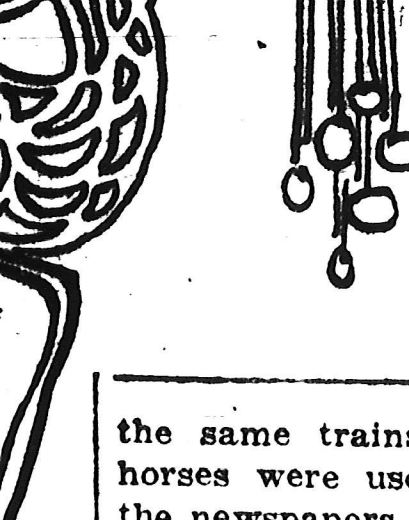
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In the hubbub and midst all these errand motors there begin to be noticed now the indispensable miniature machines, veritable playthings almost, that one buys for the price of a motor cyclette in 1906. The dust which powders them or the mud which has spattered over their wheels and fenders show that they have thus early done a good bit of traveling.

THE MOTORETTE.

This motorette, in fact, is his little gray flag which has whisked its owner into town in a jiffy from away out in the country. Grace to its surety and speed, and because one does not have to feed it with oats, your little shopkeeper or mechanic is now able to live under the blue sky among the fields, where he has a nice comfortable cottage all his own. And for his convenience, too, there is now in every street in town a stable or garage or a

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has his own little motor delivery cart, which he blithesomely gets nicely over the ground at a pretty twenty miles an hour.

And finally there are the changes that have come about in agriculture. How conditions have been modified and improved for the farmer since the motor came into its own. The toilers in the field have found in it in their work a powerful

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As to the infantry, the automobile has forever now its precious, its indispensable aid. Twenty years ago the troops were handicapped and delayed by the indispensable convoys of munitions, guns and provisions for the stores.

Now we have military supply columns, motor cars strong and quick and which follow the columns without any embarrassment to them, sometimes preceding them when it is necessary, working in a radius of action of great extent. The impediment which was used in other times to delay the marching infantry is among the things that were.

When a halt is called the soldier gets his warm soup. He is no longer impelled as he used to be to make himself in his little pot which he carried for the purpose in his knapsack.



LOCOMOTIVE



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Now we have military supply wagons, motor cars strong and quick and regular which follow the columns without embarrassment to them, sometimes even preceding them when it is necessary, and working in a radius of action of a very great extent. The impediments which used in other times to discommode marching infantry is among the things that were.

When a halt is called the soldier gets his warm soup. He is no longer compelled as he used to be to make it himself in his little pot which he carried for the purpose in his knapsack. In short,

each company, like each battery of artillery, etc., has his rolling automobile kitchen on wheels, which has found en route the beef and vegetables necessary for its preparation, all the time rolling along with the regiment—and cooking the good hot soup which will make your soldier forget his fatigue and fit for fighting the next day. Do not smile. It has been found that a soldier's bellyful of good hot soup has had a decisive effect on the fortunes of war.

PLANS OF WARFARE CHANGED.

Moreover, thanks and yet again thanks, to the new automobile, the officers who are in charge of directing and co-ordinating all movements of the troops can, with the help of the military motor, be in all parts of the field at the same time, to see everything that is going on from all important points, run hither and thither about the battleground with amazing swiftness, reach in the twinkling of an eye wherever their presence is imperative. They have at their disposal the best perfected motors put into requisition the first day of the mobilization.

So the whole fabric of the army has been revolutionized. Modern tactics have completely new means at its disposal, and powerful means which it knows how to efficiently employ, owing to all the successive experiments in the natural drills which have been held each year from 1910 to 1915.