EVENING PUBLIC LEDGER-PHILADELPHIA, WEDNESDAY, JANUARY 16, 1918

44.850

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Motor Master Declares

URGES UNIVERSAL DRILL

Military Training and Shop Practice Should Go Together, He Thinks

aid in the war. He advocates extension of preparedness and discipline after Mr. Ford writes as follows:

Mr. Ford writes as follows: "We must think more about machinery: "We must think more about machinery; the won by the nation that knows been how to use tools and machinery: that knows the secret of quantity production through standardization of one model thave been disappointed to find our Government planning different sizes and kinds of equipment and machinery where one model could be used. "Ships can be built faster, better and cheaper if standardized to a single model. One model makes possible pro-duction in enormous quantities, reduces cost and improves quality. In this standardization lies the secret of Amer-lean industrial power, and we need our

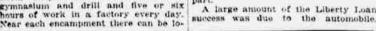
tean industrial power, and we need our industrial power in this war.

"From a distance I thought the best work in Washington would be done by eivilian alds. On my recent visit there

heing built.

ter time to the barracks and training

places provided by the Government, "Young Americans need discipline. In this service army the Government teach them order and train them to work. They should have a few hours of symnasium and drill and five or six part.





STANDARDIZE MODELS, ADVISES HENRY FORD Mass Production by Industrial Machinery Spells Victory, Motor Master Declares

the mother plant, so that supervision of these branch plants will be simple. "A part of this national training army of young men can be moved to places where big work for the nation is under way. They can build dams, straighten rivers, develop irrigation work and aid in constructing good roads that will bring our people closer together. In this way the workmen would always be kept near to the land. "The United States must save its la-

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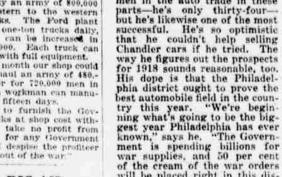
Henry Ford, whose master mind is recognized by the Government in war-making, as in carmaking, extols ma-chinery as containing the key to victory. Declaring that the victorious nation will be that which concentrates most on standardization for quantity production. Mr. Ford, in an article in the Inde-pendent, offers to lead the way in this mass work and suggests wholesale adop-tion of motorcar transportation as an aid in the war. He advocates extension "Wallie" Herbert, of Herbert Brothers, is one of the youngest men in the auto trade in these furnish trucks to haul an army of 480,-000 men, thereafter for 720,000 men in each month. Each workman can manu-

Campaign Officials Also Praise Auto Canvass

ing that are needed by the control there," contributed vital aid to the area inrge. Their influence should spread. "Our Government must never abandon Cross "over here" in the Christmas "Our Government army camps that are membership campaign just ended.

Had it not been for the automobile, according to Dr. Charles D. Hart, chairbeing built. "When peace comes the world will be ready for disarmament. The people will inderstand the wrong of killing each other. The German will see that the American and the Frenchman he went American and the Frenchman he is, and

thousands of additional persons,



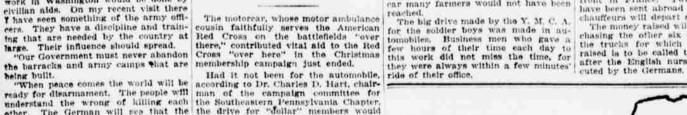
known," says he. "The Govern-ment is spending billions for war supplies, and 50 per cent of the cream of the war orders will be placed right in this dis-trict. That will put so much money in circulation here that not even New York should be able to compare with us." able to compare with us."

Many salesmen who gave their services free to this work covered territory both in city and country with motorcars. They were able to see more people in a shorter space of time. No one was slighted. Had it not been for the motor-car many farmers would not have been

the American will feel the same why about the German, too. "Then we must develop a great na-tional army for training all our young, men between the ages of eighteen and twenty-one. We can bring them to-gether from farms and cities in the win-ter time to the barracks and training the to the barracks and training

In the Red Cross work the motorcar has been used in the last few months to the limit. In the recent house-to-house canvass it played an important much poetic license, too

Show-time talk has too





Ten-Year Record Shows Motorcar Aiding in Road Construction

The automobile has quickened the pulse of the New South.

The advent of the motorcar in the southern States has resulted in the building in ten years of more than \$0,000 miles of surfaced roads, of which 45,000 are composed of hard material, gravel, macadam, brick, concrete or other hard

A motor census made last July showed the following cars and trucks in Dixie: Alabama

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The automobile industry has stimulated every line of manufacturing in the South. It has made the whole South move faster. The South is the market garden of

the country. All of the cotton, more than half the corn, a large part of the wheat, rys, cats, fruits and vegetables are grown in the Sauth.

What Women Are Doing

More than \$5000 has just been raised the war service committee of the Bien-Etre du Blesse of the Women's City Club of New York. The committee is to furnish eight

motortrucks to carry nourishing food to the men at the first-aid stations at the front in France. Two of the trucks have been sent abroad and four women chauffeurs will depart shortly.

much discount in it. This is

a call to get down

to realifies.Our

task is a real one;

The money raised will be used in pur-chasing the other six motors. One of the trucks for which the money was raised is to be called the Edith Cavell. for use in this country. In fact, he con-tends that stocks of the fuel are increas-ing, and will further increase before the heavy summer demand is encountered. after the English nurse who was exe-

 3. Don't fail to have small cuts
3. in tire tread that reach into fabric scaled immediately.
4. Don't overlook non-skid
4. chains when streets are slippery and take them off when not needed.
5. Don't adjust non-skid chains Don't fail to have small cuts 5. Don't adjust non-skid chains 5. so loose that they fall off, nor so tight that they won't creep. 6. Don't neglect to keep ac-and buy the make giving lowest

"Don'ts" for Autoists

to Help Win the War

1. Don't leave the engine run-ning to prevent freezing when machine is stopped at the curb. Put non-freezing solution in the radiator.

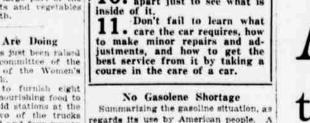
2. Don't engage clutch sharply, round corners at a high rate of

cost per mile. 7. Don't keep engine racing 8. When stopping in traffic. 8. Don't be careless and drive

8. Don't be careless and drive with spark advanced as far as possible without causing en-gine to knock. 9 Don't forget to inspect oil 9. Don't forget to inspect oil water in the radiator, and pressure in the radiator, and pres-sure in tires each time before leaving the garage. **10.** Don't take the engine in the spart just to see what is

regards its use by American people. J

C. Bedford, chairman of the petroleun war service committee, recently stated that there was no shortage of gasoline



Continued from Page Two toward bettering transportation condiions. Even before the railroads were taken

Co-ordinate Truck

plers, in piersheds and warehouses. Pen-ailies for the use of cars and ferminals to store goods are considered for the immediate future if not for the pres-ent. This insistent demand that mer-chandise be on the continuous move is calling to the motortruck to everlasting-ity keep at it. Service, Is Plea

The rural districts are daily becoming

tons. The put under shipping rules, tending to divert short-hall traffic from the rail calities are daily becoming to divert short-hall traffic from the rail or districts are daily becoming to divert short-hall traffic from the rail or districts are daily becoming the diverse should be more struck, composed of representatives of the threat trunk integers that is not adopting some resolution of the diverse trunk integers to the spread of good to show that is not adopting some resolution of the diverse trunk integers to the spread of good to show that is not adopting some resolution of the diverse trunk integers to the spread of good to show the struct and many shipments between points within the city. Obvicusly many shipments have along the true convenience to business. There are undoubtedly certain carload shipments of great bulk that in carload shipments of great bulk that in carload shipments of great bulk that is neighbor-and between them they are the shipper and consignee both have sidings. To move some of there the shipper and consignee both have sidings. To move some of the there the streets would congest traffic and endanger life. The struct transportation by road, built maintained and keep open to hall not all our large citles loots in the streets moving of the streets would congest traffic and endanger life. The standing in freight cars, on

that has already proved its ity and it is hard to prop

limits this service will e

ADDED to the very un-A usual bodily comfort of the new Hupmobile is the comfort of low cost of operation and low cost of maintenance.

Ownersreportfrom44states that the car does average 24 per cent greater gasoline mileage, and 15 to 18 per cent greater tire mileage.

> Hupmobile Exhibit at the Automobile Show **Blue Room**, Space 55

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Double-Cure, Extra-Ply Fabric, Extra Fabric Quality, Extra Rubber Quality, Extra Construction—all of which mean Extra Mileage and Extra Safety. No Blow-Outs or Bursts with HOOD TIRES. The Lowest "Per Mile" Cost

Tires on the Market

than ouesswork. The imperative need of a great increase in national efficiency demands an in-

The imperative need of a

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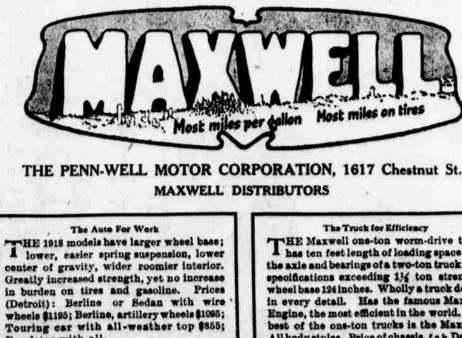
Truck Show

crease in every man and woman's personal efficiency-demands timesaving motor cars, hundreds of thousands of them. The cars must not be wasteful. The choice of the right car must not rest upon

our grip on it must be more

guesswork-its economy must -- the job on hand has room for nothing but realties.

We have the proof that, as a help in the task we are all facing, this sturdy, always-reliable car is the most efficient in the world.



-its the engine

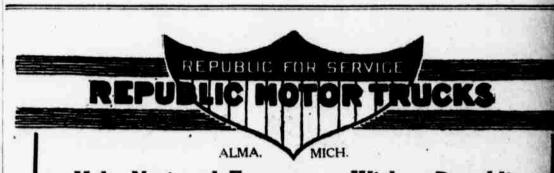
Roadster with all-



THE Maxwell one-ton worm-drive truck has ten feet length of loading space; has the axle and bearings of a two-ton truck; and specifications exceeding 114 ton strength; wheel base 124 inches. Wholly a truck design in every detail. Has the famous Maxwell Engine, the most efficient in the world. The best of the one-ton trucks is the Maxwell. All body styles. Price of chassis, t.o.b. Detroit



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