Fage Two

THE DISPA CH July 19, 1916.



German Invents Substitute For the Pneumatic Tire.

Automobilists undoubtedly will hall with delight the invention of a former German infantry officer by the use of which the running of an automobile over, a pavement curb would result



Divide Cost of Spraying It may be claimed by some that spraying a few trees is an expensive matter not commensurate with the returns, be the crop ev.; so good. After all there is the saturfaction of baving your own home-grown fruit. Much, wever, can be done through co-operation of the horticultural socieities to reduce the cost of spraying the trees in the home fruit garden, by purchasing larger quantities of materials than one person would need and distributing it at cost among the members of the societies. It is nothing more than a co-operative scheme that is carried on among fruitgrowers who depend on this vocation for a living, only on a smaller scale.

Cats Killed by Wholesale Speaking at the meeting of the Rayal Society for the Prevention of

in the occupants of the car feering no jolt. It is asserted that cobbiestones and uneven country roads may be noigotiated in automobiles with as much freedom from discomfort as is experirenced by passengers on railroad trains. a In reporting the invention to the state department Consul Talbot J. Talbot of Brunswick, German, sends the following translation describing it: "The greatest difficulty in automomile mstruction has been the pneumat. nooping of the wheels. The tires are a constant source of worry and, in case of explosion, of dange to the owners of such vehicles. All substitutes, such as spring wheels of solid rubber hoops, have failed to sup plant the pneumatic tire. The solid rubber hooping is too dear and, besides, does not possess the requisite elasticity.

"A former German infantry officer has apparently succeeded in solving the difficulty. He has shifted the point of elasticity, which formerly consisted of metal spring plates under the body of the wagon, to the axles of the wheels, by an ingenious angle lever system. The result is astonishing The inventor uses ship's cable for hooping, but even with wooden wheel he can maintain a completely elastic course over cobblestones, country roads, etc., as the wagon jo's are no longer up and down, but move in a borizontal plane, forward and backward. He can cross the pavement curb without the occupants of the automobile feeling a jolt, as the body of the wagon is not raised, as formerly, but drawn under."

To Check Floating of Fake Companies.

Under a law passed by the Kansas Leg.sloure at last session all com-panie Offering stocks, bone or other securi. is for sale in that State must blades were so loosely put together first obtain formal permission from the State Banking department. This department investigates the financial standing of the company and directors who seek to float securities, their plans of operation, and if need be the physical value of their properties.

How effective this law is seems to te indicated by the fact that in seven mences since it went into operation five hundred companies have asked permission to sell securities, and only forty-four have passed examination. It is said that before the law was passed Kansas investors were robbed of \$5,000,000 a year by the floating of securities by fake companies.

Tourist-"Why do you call that boy of yours flying machine?"

Farmer-"Because he's very interesting and promising but he won't work.

push the points of the spikes deeper into the wood surface. A pair of brackets of this nature willosustain the weight of several men working on the same board. The illustration shows () arly the construction of each brackei.

iower end of the bracket and two at

the upper end serve to hold the brack

ets firmly in position. A slight tap of

a hammer will drive the brads in suf

ficiently and when the scaffolding

board is placed across the brackets

the thrust, being downward, tends a

His Conquest.

He was a simon pure, edition de ruse lady killer. The girl in the seaf opposite him was easy to look at Further, she looked demu.) and shy and impressionable. It wasn't long before he had things going right-he thought. He had raised the window for her and readjusted the blind; he had fished her bag from under the seaf. There the porter had shoved it; he had placed her pillow in a better position for her; he had handed her a magazine; he had looked after her comfort in every way he possibly could, and she had been very sweet about it besides. He thought he was coming along splendidly. She started to get off the train before he expected her to leave, but he carried her lugrage to the platform for her. Then she turned and handed him a nickel with a sweet smile and the remark, "I think it is so nice of the railway company to furnish an assistant porter."-Argonaut

How the Katydid Singa.

Everybody is familiar with the rasping notes known as the katydid's "song" It is the male only that is capable of emitting the well knows sounds, and he does it in a most pe ruliar manner. His "vocal organs" 94 at the base of his wings and consist of two flat excrescences of thin, dry membrune. It is the rubbing of these two membranous plates together which produces the "song." If your shouldet that one could be slipped under the wher and the underside of one and the upper side of the other were so rough that the operation of slipping them past each other would cause a rasoing sound you could imitate te katydid's musical efforts very icely.

Setting Her Right

A newly married woman Lade a plo for "linne". "I am afraid," the bride said , that I left something out, and that not ver good."

The nusband tried it and uaid "There is nothing you could leave out that would make a ple taste like that 't's something you've put in."-Argodaut.

LOOKS LIKE A SNAIL OR A FROG, BUT IT REALLY IS A FRENCH HIGH SPEED AUTOMOBILE.

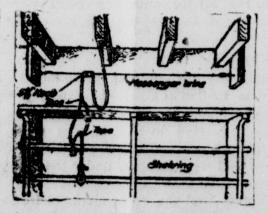
er's shop. The name has no reference to the speed of the car, but is a description of its appearance when coming, head on. The French seem to bave turned their particular attention to the making of freak automobile shapes during the last few years, the ider being to get as much of the car under cover as possible and thus keep out the dust.

In the "snall" car this object seems to have been accomplished to perfection. The headlights are continuations of the front mudguard which is built in as part of the hood over the engine so that there are no sharp corners or crevices for the dust to penetrate. The car attracted great attention at the Paris automobile show.

LIGHT CELLAR SHELVES

This "Imple Arrangement Easy For Electric Light Users

Getting a jar of preserves from the shelf in the dark cellar storeroom is a racking ordeal. It is frequently impossible to see the label on the jar at a far corner when the light is fixed at the other end of the shelves. A bright young man of an ingenius



nature found a way to make the electric light travel to any portion of the shelves.

The electric lamp was attached to the celling socket with a long flexible wire. A piece of galvanized wire was stretched tightly overhead the entire length of the shelves and a porcelain insulator was slipped over this wire. The flexible wire was then looped over the insulator with enough slack left between it and the socket to permit. the insulator to slide to either end of the shelves. It was simple, effective ad absolutely sale

Just attach a handle to the end, like Cruelty to Animals in London, Mr that on a trunk, and when in a crowd carry the case by this end handle. There are no projections then.

lem if a little attachment is not made

for handling it that eliminates the

difficulty. The trouble is caused by

the size of the case and the way it

projects in front of and behind the

person carrying it.

What Drying Wood Does

The effect of seasoning word is to bring into the same space 10 per for s clean up about the farm and cent. more fibres than when the wood cover. Gather up loose lumber. was green.

H. Greenwood, M.P., said that in 1915 17,000 cats were destroyed at the headquarters of the Animal Rescue League. He thought cats should have to wear collar with the address of the owner.

Aft - seeding is a splendid time

