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BOUGHNER BROTHERS,
Birmingham.

NEW USES FOUND FOR AUTOMOBILE

Adaptation to War's Needs Brings Changes in Industry.

RAILROADS TO BE ASSISTED

Motor Car Fits in for Direct Purpose of War to Greater Extent Than We Have Yet Discovered—Business to Expand.

Commenting on the use of the automobile in the war, the president of a large tire and rubber concern says: "The government at Washington is doing some things that startle us because we do not have a proper understanding of what its program is. Much has been said about stopping the automobile. This is all nonsense. The government is going to lay its hands on the nonessential industries, but the rubber business and the automobile business are not in that class. They are essential industries."

Motors Wanted for War.

"Just because in England and France the use of automobiles had to be checked it does not follow that we have parallel conditions here. You must remember that in England and France they are dealing not with 20-cent gasoline, but with \$1.25 gasoline, and that over there the man power is exhausted, almost to the last man. They have to get every man available, even from the essential industries, on the battle front. They want the automobiles to run for government purposes. What was there in 1915 they were already buying civilian automobiles along the streets of London."

Commercial Business to Expand.

"But we are not going to get to that point in this country. Here we have a tremendous area, and a great amount of transportation is necessary. The railroads cannot carry it. The automobile fits in for the direct purpose of the war to a greater extent than we have yet discovered. The commercial end of the business will expand tremendously. More commercial cars will be made than we have ever dreamed of. The city rides will be cut off, but that does not mean that the man who takes his family out for a ride on Sunday or holiday to get a respite from the tedium of the week will be criticized."

Tire Industry Essential.

"On the contrary, it is the rational thing that ought to be done. The line of demarcation can never be drawn very clearly, but it will not be drawn so arbitrarily that a man will be criticized for taking his family out for a ride, as is the case in England. A great many of the cars now running will take off their touring bodies, and put on other bodies to work economically for war purposes. Tires will be used right along, more and more every year, no matter what happens. The tire industry is essential and it is going on, notwithstanding the production of automobiles may be cut. We are going to use the car more and more as a whole for the one thing, the pign of the government."

MISFIRING AT SLOW SPEEDS

Common Cause of Complaint With Usual Carburetor System—Go Over Ignition Carefully.

Poor engine operation at low car speeds is a common complaint with the usual carburetor system. Often an air leak through the carburetor admits so much so that an insufficient amount of fuel is fed. Wide plug gaps with magneto with weak magnets are a combination which may give this trouble.

IMPROMPTU TOLL ROAD PAYS

Kind-Hearted Farmer Allowed Motorists to Pass Through Uncultivated Field for Small Sum.

A motorist bound along the road from Detroit to Toledo, one of the worst to be found in many states, reports that he encountered one 200-yard stretch where, because the grade was high, there was no way to turn off from the paving. "A kind-hearted farmer," he told the Ohio Motorist, "stood at the gate of his barnyard and for the sum of 25 cents allowed each motorist to pass through the gate, over an uncultivated field for about 200 yards, and onto the road again."

RAIN WATER FOR BATTERIES

Hard Liquid, Containing Minerals Is Harmful—Remove Caps at Top of the Battery.

"Hard water, containing minerals, is harmful to the battery," says F. J. Stone, manager of a Boston concern. "Water that is pure as drinking water is not necessarily pure water for your battery. Distilled water or clear rain water is the best."

"Removing the caps at the top of the battery, water should be added until it stands well above the plates, then not to the top of the containers."

SIGNALS CHANGE OF COURSE

Invention of Texas Provides Efficient Contrivance Easily Applied to Automobiles.

The Scientific American in illustrating and describing a vehicle signal, invented by G. W. Edmond of El Paso, Tex., says: "The invention relates to signaling devices particularly suitable for use on automobiles to indicate a change of course. The object is to provide an inexpensive and efficient contrivance which can be easily applied to an automobile so as to become prominent when actuated to attract attention."



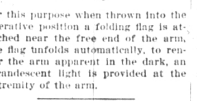
Vehicle Signal.

for this purpose when thrown into the operative position a folding flag is attached near the free end of the arm, the flag unfolds automatically, to render the arm apparent in the dark, an incandescent light is provided at the extremity of the arm.

NOVEL HEADLIGHT FOR AUTOS

Connecticut Man Has New Patent Design for Flash Illumination Without Glare.

M. N. Finkelshten of Greenwich, Conn., has just patented a new headlight for automobiles, designed to furnish a maximum amount of illumination on the highway and to do away with the dangerous glare that motorists are shielded in such a way as to cover the ground and light it up thoroughly, without precipitating the light to a distance.



ALLIED RE-ENFORCEMENTS ARRIVE IN ITALY TO HOLD BACK INVADING ARMY

The allies rushed re-enforcements to Italy to help stop the Austro-German advance when it was at its height, and these re-enforcements have been a great aid to the Italians. The photograph shows one of the first batches of French autos as they arrived in Milan. The autos are used as transport trucks.



Rules of the Road.

One of the rules of the road for motorists is to be courteous, calm and careful. If you are met and another who is ill at will. But if you are not met and another who is not, then both are in danger.

Salt Will Help Some.

When the car owner is caught in a freeze and no regular antifreeze solution for the water system is available, a quantity of table salt thrown into the cooling system will help to prevent freezing.

Prevent Headlight Glare.

The glare of the automobile headlight is prevented by means of a cup-shaped hood which encloses the bulb, thereby diffusing the light without any decrease in the illumination.

DADDY'S EVENING TALE

BY MARY GRAMM BONNER

KING PENGUINS

"King Penguins," said Daddy, "are birds which live near the South Pole and through the South Pole may sound warm it is very, very cold."

"Great men they call explorers, go on trips to find out what new lands and things there are to discover, and they run all sorts of risks and dangers because of the great cold, the snow storms and the ice."

"Penguins become very friendly with people and men who visit in these parts always consider the penguins their greatest friends."

"Mrs. Penguin spoke to her husband and this is what she said: 'My dear, I have just laid an egg. What shall I do with it?'"

"Mr. Penguin took the egg which was quite a good sized one and put it in his pouch where it stayed in his warm, comfortable feathers until it hatched out."

"Mrs. Penguin always lays the egg—only one egg at a time which is unlike other birds—and Mr. Penguin keeps it snug and warm until it is hatched. 'One day, not long after this Mr. Penguin met one of his friends and got into a very bad fight.'

"'You're wrong, I tell you,' shouted Mr. Penguin to his cousin, Mr. Peter Penguin.

"'I'm not, I'm right,' replied Peter. 'You're as wrong as a bird can be,' said Mr. Penguin. 'And for a large bird as you are I'd be ashamed of myself if I were in your place.'

"'You're not in my place,' said Peter, and you're every bit as large as I am. We're all large—all of the penguins.'

"They were both standing up, their white vests looking like the snow, and then such a fight as they did have! They fought and they fought and from afar Mrs. Penguin came hurrying to stop her husband.

"She was thinking of the egg which all the time he was carrying. 'My dear,' she said, 'Calm yourself. Calm yourself! Remember the egg!'

"'Don't be so selfish,' shouted Mrs. Peter Penguin, 'let your husband fight as I let mine. They enjoy it.'

"'But Mrs. Penguin is carrying an egg for me,' said Mrs. Penguin.

"'That's nothing,' said Mrs. Peter. 'Mr. Peter is carrying one for me.'

"'You said that was nothing,' shouted Mrs. Penguin, who had become so angry at the first part of Mrs. Peter's speech that she hadn't stopped to hear the end of it. 'You think nothing of an egg when it doesn't belong to you. Talk about being selfish. You're the selfish one.'

"'I'm not selfish at all,' said Mrs. Peter. 'If you think I am, we will fight about it.'

"'We will fight about it,' agreed Mrs. Penguin.

"So they fought, too! And such fights as they all did have. After a time they were weary of fighting.

"'You know,' said Mrs. Peter, when she had recovered and could speak once more, 'I said that it didn't mean any more for your husband to be fighting for me; but the other is carrying an egg for me!'

"'Oh, indeed,' said Mrs. Penguin. 'I don't believe I heard all you had to say. In fact I don't believe I wanted to hear it all. I did want a fight so much.'

"'So did I,' said Mrs. Peter.

"'And so did I,' said Mr. Peter and Mr. Penguin who came up just at this moment to join their wives.

"'Were the eggs hurt?' both Mrs. Penguin asked at the same moment.

"'Oh no,' said their husbands. For though the penguins fight when they are carrying the eggs—they practically never break. And they all enjoy fighting for there is no little else to do in their part of the world they feel!'

"They fight as they would play—quite enjoying every minute of it—and they do it a great deal.

"When Mrs. Penguin's egg was hatched, Mr. Penguin took turns with her in looking after the baby penguin, each going in turn for food in the icy water. And the same thing happened in the Peter Penguin family."

Confusing to Maize.

Maize had a habit of making any mispronounced word a part of her vocabulary. When she heard the laundress say "cheer" she promptly said it too.

"'Cheer,' corrected mother. 'Say chair.'

So Maize said chair and when the Sunday school teacher asked the class to sing and gave out, "Three Cheers for the Red, White and Blue," Maize cried out, "My mamma says not to say cheer, you must say chair."

The Wrong End.

The other night little Alfred insisted upon a course of procedure which his grandmother had rigidly forbidden, and made it necessary for her to say to him something peremptory.

"'You cannot, Alfred, and that's the end of it.'

"'Oh, grandma,' said the boy, looking up ruefully, 'it's the wrong end!'

Determines What You Are.

Not what you do, but what you are, for what you do determines what you are.

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Detroit United Lines

Birmingham Time Table

Eastern Standard Time.

South-bound—Limited—6:55 a. m.
South-bound—Express Service—5:30 a. m. and hourly to 6:30 p. m.
Ten Loads, 7:30 p. m. to 11:30 p. m.

South-bound—Local—6:45 a. m.
6:20 a. m., 8:40 a. m., 5:55 a. m., 6:15 a. m., 6:40 a. m., 7:30 a. m., 7:30 a. m., 7:55 a. m., and hourly to 1:55 p. m., 2:45 p. m., 3:00 p. m., 3:10 p. m., 3:25 p. m., 3:55 p. m., 4:30 p. m., 4:55 p. m., 5:35 p. m., 7:30 p. m., and hourly to 11:30 p. m.

North-bound—Express Service—6:55 a. m., and hourly to 4:55 p. m.
Ten half-hourly to 5:55 p. m., 7:52 p. m., and hourly to 11:52 p. m., 12:42 a. m.

Locals, Birmingham to Pontiac only, 6:05 a. m. and 6:25 a. m.

An additional car leaves Detroit for Birmingham at 6:50 p. m.

PLANT DIVISION

Change at Royal Oak for Rochester, Oxford, Flint, Romeo and Inlay City. Through limited cars for Flint, Saginaw and Bay City at 8:50 a. m. and every two hours to 8:00 p. m.

WHY WE MUST SAVE FOOD.

The 1917 wheat crop in France was less than half normal, using the crop of 1913 as a basis of comparison. There was a shortage of 376,000,000 bushels, or 52.8 per cent. The potato crop was only within one-third of normal. The sugar beet crop showed a deficit of 67.9 per cent. Her most serious shortage in the early fall showed a shortage of 1,800,000 animals.

Those are a few of the reasons America must feed her associates in the war. They are no longer able to feed themselves, and unless we come to the rescue are face to face with starvation. And starvation means death in the war.

Some Women Have That Knack. He—"Where does your wife carry her street car fare?" His Neighbor—"In the other woman's purse. However, though, you'd think she wanted to pay it."