Helpful Hints For Auto Owners.

vulcanizer. With it the tube may be sible to keep the motor together if The necessity of the automobile in patched and this expense saved. may also be used to close up small cuts in the tread of the outer shoe, thus prolonging its life. The method of using it may be easily mastered tire and wait for it to be blown up financiers generally. after a few attempts. Use an old tube | that one often gets too much presto practice on and you will be sur- sure. There is but little danger of who are not automobile owners have prised at the work you can do.

The use of the self-starter prevents | ing the benefit of the air cushion. one from keeping in as close touch with his motor as he should. Where comparison when something goes quiring that the car be jacked up.

mechanism receives the racking that fire.

Dame Fashion **Hints For Motorists**

Linen mandarin coats are a mid season innovation. They take the bone is so woven as to give each place of a suit coat and a duster at movement of the figure, and it does the same time. The coats are trim- not rust, break, or get out of shape. med with a two-inch banding of white linen on the tan coats and tan on the white coats and are embroidered in Chinese bird or floral patterns. bullet pearl buttons, with loops of write en route. the linen used instead of the button-

vet, are embroidered in gold braid. ly has to "get out and get under" ed a frivolous and wasteful thing; nel for the fuel the Z-shaped pas- Ohio and Illinois, whereas on Jan. The hats are worn well uo on left side when not dressed for such an emer- practiced by light city folk and borne sage in each plug must exactly coin- 1 of this year only New York had as under the edge of the hat and tied in a soft knot at the back. Cherry velvet Russian Blouses are worn with the hats over white linen skirts and any sign language to converse with But now the farmer "vacations" carburetor. By turning but one of since January 1. with white low shoes and cherry silk deaf-mutes a Frenchman has in- just like other human beings. It is the plugs out of alignment the supply

Oriental turbans are very popular words as keys are pressed. though they offer no shade for the Controlled from the driver's seat, custom of planning a vacation tour readjusted in order to start the car. fore planting seeds increases its food eyes. The turbans are shaped like the reflector in a new type of auto- in the car develops rapidly—to the The thief, if used to picking locks value and that plants raised therein a man's skull cap and the edge is mobile headlight can be arranged to extent that there would be much with a piece of wire, can't do this blossom earlier and produce more embroidered with gold or silver throw a narrow, powerful beam of disappointment and grumbling if for with the fuel-lock. The index on and better crops. pinned tightly around the brim or light across a road.

the nuts and belts are not attended business life has come to be recog-

the tire bursting. The harm his in been compiled and it has been found making the tire too hard and so los- that no less than 7,000,000 farmers

we used to crank the motor to start not be necessary to remove it in or- run of things, for as the automobile it we found out if it was properly der to oil. Jack up frame to take increases its scope it becomes lubricated, and if the compression weight of car off spring. Remove much a necessity to everyone that was good or not. Whenever there is the clips that hold leaves together every one of these 7,000,000 will any sign of loss of power the starting and pry leaves apart with screw have to buy. handle should be used to see if the driver or cold chisel. Graphite grease The world is absorbing automobiles crank-shaft turns freely and the com- should then be spread over every leaf as the sponge absorbs water. When pression is good. Do it now, while using a table knife or thin piece of the public has taken all of the cars the engine is in proper condition, metal. There is a tool on the market possible it will then buy, only to reand then you will have a basis for which spreads the leaves without re- place old and worn out cars, and that

Be sure to change the water in the not give way to panic. Shut off the life of a car is about five years. cooling system at least once a week. gasoline at the tank and start motor There are now 2,500,000 auto-This will carry off most of the rust if possible. A self-starter is useful mobiles, in round numbers, in use and so assist in preventing a clogged here, but one should spin by hand if and one of every five of this number necessary. This draws the flame into will have to be replaced yearly, the carburetor where it will do no which insures an output, without any Do not neglect to put a wrench on harm. Water from the radiator may increase in the number of users, of every nut and bolt on the car at least | be thrown on burning woodwork, but | 500,000 cars every year. once a month, and on the steering never on a pool of burning gasoline connections once a week. No other on the floor as it only spreads the cars of 1906, only ten years ago.

> band and floats down the back or is tied scarf fashion in front.

> While there are a number of models in motoring corsets to be had, the short ones having the woven wire stays instead of whalebone are very much more comfortable. The wire

having not only stamped and partly addressed envelopes and postals, but embroidery is done in the outline a skeleton letter pad where one has work, but shows enough color to be to fill in only the blank spaces to very attractive. The buttons are large complete such a letter as one might

> A very convenient overall apron made of duck of denim has detach-

To enable those unacquainted with | boarders. vented a device resembling a type- the automobile that has won him. of gas is stopped. But turning all

threads. One thickness of the veil is light directly ahead or to diffuse the any reason the annual outing had to top of each plug has six numerals,

PROSPESTIVE AUTO BEYERS

Great Many Farmers and Trades-'Men Not Owners.

Interesting figures have been compiled of late to\show the future possibilities of the motor car business. nized by the big financial interests. The opportunities of profitable invest-Be careful in the use of the air- ment in the industry are recognized

Lists of farmers and business men and business men do not own motor cars today. These men are probable In case the spring squeaks it will buyers for the-future in the regular

means that there will be about one buyer for every five car-owners each If the carburetor catches fire, do year, or in other words, that the

That is eight times the output of Within the next three years the itotal of cars in use in America will doubtless be nearly 6,000,000, and replacements of one care for every five in use will mean an output equal to the automobile manufacturing record of 1916.

> ation, with one head capable of judging the possibilities of the field, a steady hand may be kept on the pulse of the United States and the world at large, and in event of that time being near when the point of the situation A novelty in writing outfits is one is clearly before the makers of the country, the check valve may be closed on the manufacturing to such an extent as to prevent over-production.

> > "Civilizing" the Farmer.

writer, which raises letters to spell Once an automobile comes into the four of them out the puzzle is a hard

VALUE OF OUTPUT RAISED TO \$4.071

Statistics of Auto Industry in four plugs. Indiana Indicates Conditions of Country.

Eighty-six automobile, body and parts, factories in Indiana employed an average of 2,219 wage earners in 1914, paid a total of \$5,027,000 in wages, spent \$18,830,000 for materials, and turned out products of total value of \$29,390,000 during that year, according to a preliminary report furnished by the Bureau of Census to the National Automobile Chamber of Commerce.

In 1904 there were only eleven establishments, employing 816 wage earners and turning out products valued at \$1,639,000. Five years later (1909) the establishments had increased to sixty-seven, employing 6.797 wage earners and producing \$23,764,000 worth of cars, parts and

Thus in 1904 the average value of the products was \$2,000 per man and \$149,000 per factory. In 1909 it had risen to about \$3,500 per man and \$354.000 per factory. In 1914 the average output was \$4,071 per man and \$341,770 per factory.

Only four other industries in the tate ranked higher than the auto mobile industry in the number of men employed, in wages paid and cost of materials used, while five ranked higher in value of output.

A GOOD SOLUTION

What seems to be a good solution By bringing the big manufacturers of the problem of motor-car stealtogether into one business organiz- ing has been brought out abroad where the car thief has been active.

A clever Frenchman is responsible for the development of a combination lock that effectually cuts off the supply of fuel and, incidentally, makes it impossible to get more than a start before the stolen car is automatically brought to a stop.

This fuel-lock is placed in the feed

knows which line of numerals to AUTOMOBILE IS NO read, plainly any one seeking to hit upon the right set of figures would have to try 1,296 different combinations. This is the object of the Merchants Finding it Necess-

TIRE CARE ON TOUR.

Some Things, Which, If Watched, Will Save Trouble.

The proper care of tires is a mos The driver should 'examine ther carefully after every trip and promptly take care of an injury, no matter how slight. A trouble, small at first, may lead up quickly to a bad blow out, and then a new tire. In order to give you good mileage, tires should livery cannot get the business. be watched constantly and kept

Underinflation is the most preval ent and the most expensive piece of carelessness of the modern motorist. Ride on air, not on the tire walls.

An injury to either tread or tube should not be neglected. Conditions are aggravated with great ràpidity, and before you know it either a very expensive repair or a whole new tire is required. Go over your tires periodically and take care at once of each injury.

Inner liners should be used only in emergencies or to prolong the life of utterly destructive to a new tire. Where chains are used adjust

them carefully. If they are too loose they will cut and loosen the tread. where they are lapped over casing. Faulty wheel alignment does much injury to tires. It subjects

them to a grinding they cannot withstand. A slightly bent axle will do represented. Invents Fuel-Lock To Prevent Auto the damage. It is important to cleanse tires daily if possible. Scrape of mud and soil and wash the tires with water

and a little soap of good quality, ap-

plied with a not too wet sponge. Keep

the inside of the casings always wel

dusted with soapstone or talc.

Automobiles in States. There are 508,677 more cars use to-day in the United States tha there were on January line at a convenient point between There are over 3,000,000 automobile the gasoline tank and the hood, on in use across the line to-day, includthe dashboard, and within easy reach | ing both passenger cars and trucks of the driver. It consists of four ta- Between Jan. 1 and June 30, 1916 pered brass plugs, fitting into cor- the increase which had taken place Farmers used never to take a respondingly tapered vertical holes in was not far short of the total invacation. It was one task or chore the cast body of the lock. These crease for the whole year of 1915. able sleeves. It is for the woman after another from one end of the plugs rotate upon their vertical ax- There are now three states having Spanish hat turbans in cherry vel- who runs her own car and occasional- year to the other. A vacation seem- es and in order to make a clear chan- over 200,000 cars apiece. New York without overt criticism by the farm- cide with two other openings in the many as this. Eleven states have er on account of the money left in lock body. Then all four of the over 10,000 machines each, Minnethe farmer's cash box by urban plugs are properly adjusted the fuel sota, Massachusetts, Indiana and is free to feed from the tank to the Texas having passed into this class

> English investigators have found possession of a farmer's family, the one, indeed, for the thief to get them | that heating soil with setampipes be-

be postponed until the next year. | and as the authorized driver alone sort of moral fire escape.

LONGER A LUXURY

ary for Rapid Delivery-Increasing Popularity.

No longer is the automobile a luxury. It is a necessity. The groceryman has seen his competitor walk away with all the trade simply because he gave prompt deliveries by using a motor car. And so it has been in the case of the drygoods merchant, the butcher, the baker, the ice distributor and the milk dealer. In the business world of today the merchant who cannot give quick de-

Hence the ever increasing popularity of such medium priced delivery cars as the Overland product.

A contractor recently stated that he had increased his personal busian automobile. Previous to owning a car, he devoted practically threequarters of a day to visiting his various jobs because he had to depend on the street cars to get him there. Today, although his business has grown and there are more jobs for him to inspect, he climbs into his Overland at a reasonable hour in the morning, visits all of his jobs dura worn-out tire. Never apply them ing the forenoon, and is back at his as a permanent repair, as they are office before noon. Obviously to that man the car is a necessity and not a luxury. The contractor is not alone in that he has increased his business -if too tight they cut and bruise Others who have done likewise include the doctors, the travelling police officials, and on and on until practically every line of endeavor is

> To Stop Collisions. The tragic frequency of collisions

between automobiles and railway trains at railway crossings is being dealt with boldly by the Long Island Railway, which has initiated a striking poster campaign showing the recklessness with which motorists ignore all danger signs, not only at their own risk, but often at the cost of many other lives. "Jail Might Stop Then-We Can't, is one particularly vivid picture showing a touring auto with brilliant headlights dashing past a signal in front of a passenger train Automobile associations all over the country are being appealed to in the hope that a concerted effort may made to stop this reckless practice of speeding over grade crossings. Canadian automobile associations might well take this lesson from the United States, as accidents of a nature in this country are means rare. A train moves faster than the motorist can calculate. Another postor has the caption, Can't Stop the Horses," and shows a driver asleep with his team about to run through the gates.

Not Far Wrong.

nounced it triumphantly, "Autocrazy.

llaughed .- Chicago Herald

GOOD DRIVERS NEEDED

Demand For Competent Chauffeurs Still Great.

The demand for competent chauffeurs continues unabated and the average price for the labor of these men is about the same as it has been for the last three years, according to Motor Print, which says: "A good driver gets on the average \$120 a month for his work. There are men who get as low as \$15 or \$18 a week, and others who are paid anywhere from \$40 to \$50 a week, but the average in the cities is nearer \$30 a

"Men who claim to know say that no owner can expect to pay less than \$125 a month for a really good man, A capable and industrious chauffeur can save a great deal of money for his employer. A man who is salaried high enough to take a keen interest in his work will look out for things and will keep a car in such a condiness efficiency 50 per cent by using tion that expenses of running it are

bound to be less. "It is not exactly reasonable, from the standpoint of the chauffeur, for an owner to expect to get an experienced driver and mechanic, the latter point being the more important, for anything less than \$30 a week.

"In New York some taxicab companies pay men a fixed salary by the week, and they eke this out with their tips. One company, for instance, gives its men \$17.50 a week. and the lucky ones with tips of \$1.25 to \$1.50 a day get more than \$25 per week most of the time. There is efficiency by use of the motor car. a consistent and steady demand for honest and able men in the taxicab line. The companies find a great salesmen, collectors, social workers, deal of difficulty in getting enough honest men for the work."

BIG SHORTAGE OF CARS.

May Reach 100,000 by October 1st. When Need is Greatest.

An acute shortage of cars is feared in many sections of the country. even though drastic steps are being taken to force people to hurry in loading and unloading freight cars The outlook is for a shortage of from 25,000 to 50,000 cars by September 1, and possibly above 100,-000 cars shortage by the first of Oct. when the demand is heaviest. After months during which such a situation faced them, railroads are just starting to buy cars on a larger scale. If the railroad strike situation is definitely settled, it is probable that buying of equipment will increase

greatly during the next few months. The first July earnings reports of railroads which have been published nearly all show material increases over July, 1915, and most of them indicate larger earnings than in July. 1914, the last month before the war. Probably half the railroads in the country had far above average earnings that year. The large amount of freight in sight for the next six months suggests that the current fiscal year will be the best in railroad history unless there is a big slack-"A-u-t-o-c-r-a-c-y," spelled Tommy, ening in industrial activity before reading aloud. After a pause he pro- the end of 1916. It is believed, however, that it would take at least a year to measurably slacken up gene-Some men look upon religion as a |. And he wondered why his father ral business, owing to the present impetus in nearly all lines.

Come on over to Cooke's and have a Good Photo taken. His studio is 159 Wellington street, near Brock, right next to Carnovsky's Fruit Store.

A Beauty Secret

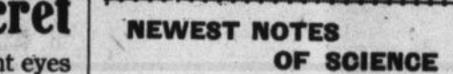
To have clear skin, bright eyes and a healthy appearance, your digestion must be good-your

DEECHARIC PILLS

NEWEST NOTES

bowels and liver kept active and regular. Assist nature-take

DEECHAM 5



Cuba annually imports about 600. 000,000 feet of lumber. For temporary use a lemon squeezr made of paper has been invented,

> A patent has been granted for a trunk that also can be used as a

Rubber nails for places where metal ones would corrode are novelty from Germany. Men's shoes fastened with pieces

of spring metal in place of laces have been invented. Deposits of coal have been discovered in Ireland and efforts will be made to develop them. As a new convenience for house-

wives a mop and flood brush have been combined on one handle. Chili has adopted a new standard large size can reach the capital. time approximately sixteen minutes in advance of that formerly used. has been invented a long handled

swatter, operated by a spring. Gold fields in northeastern Siberia that have not been operated in nearly annually are utilized at home because ten years have been reopened. Rust will disappear from steel if

The thumb print as a means of lers. identification is used in a new Eng-

half a kilogram or about one tenth | A woman is the patentee of a telemore than the American or British phone in which the transmitter and

Electric apparatus taking current ment and enclosed in a hood for from a light socket has been invent- privacy.

A locking device to prevent the use mobile how to alter its appearance

of telephones by unauthorized per- as to make it resemble a more costly sons has been patented by a New car.

can be extended to form a crib for ed a)bracket with which it is possible baby has been patented by a Balti- to hang both shades and curtains at more woman.

ties on the government railroads are growing wild throughout the Philip-A miniature automobile horn atropine and at least one other valuown by pressing an electric button able drug.

has been invented to replace residence doorbells.

In a new electric fan the blades whirl horizontally to avoid causing correct combination of which to proand is cooled.

From heretofore waste tomato starter. seeds Italian canners are making an A steam drying plant has been es- or ice as he presses his toes down ount Radium water as a medicinal beverage has been introduced in Hol- oil with rapid drying qualities that tablished in Honduras to experiment against the runners. is useful in varnishes.

posed of rubber, has been invented to that country. loosen a person's scalp to stimufate the growth of hair. In Scotland 23.8 per cent. of illum-

inating gas is made in municipal works to 51.4 per cent. in Ireland and 30.6 per cent, in England. New apparatus for filling automobile tires with air automatically cuts off the supply when the overinflation

danger point is reached. Russia will reconstruct the waterway system connecting Archangel with Petrograd so that vessels of To reach the inner surface of the

teeth as well as the outside is the For reaching flies on ceilings there aim of a double ended toothbrush invented by a Memphis dentist. Only about one tenth of the vast amount of iron ore mined in Spain

of the scarcity of native coal. As a new seashore amusement desoaked in sweet oil for a day, fol- vice an inventor has patented a trollowed with a rubbing with fresh ley car supported by floats that is driven over water by screw propel-

French scientists have built the lish time recording machine for world's most powerful electric-magnet, but it is so costly to operate that Electric burglar alarms surround its use is limited to laboratories.

the treasury at Washington and are A water tank and tower in a Texas tested every fifteen minutes, day and town built entirely of reinforced con-The German pound is exactly one wrecked dwellings in its vicinity.

ed to force the growth of indoor | Australia is contemplating the construction of a harbor at the mouth gruguay has prohibited the manu- of the Murray River that may create facture or importation of alcoholic a port rivaling Sydney in importance. beverages of strength exceeding 45 Plans have been invented that show the owner of a low priced auto-

receiver are combined in one instru-

The Russian government has given The Spanish city of Seville, once an American company the right to the most famous in the world for its explore for petroleum in Siberia, silk, is planning to revive the in- where there are indications of its

An armchair from which the seat | Two illinois inventors have patentwindows without using nails or Because of the scarcity of wood in screws.

Switzerland about 70 per cent. of the It has been discovered that a shrub pines contains a large amount o

The artichoke is a variety of the car to be suspended by cables from steam vessels thistle and grows spontaneously all two aeroplanes, the idea being that along the African shore of the Medi- it would be more steady than an freedom and employing them at by an eastern railroad to prevent ac-

drafts and the air passes over water duce results is known only to author-

commerce is studying the develop- sure to test it.

A patent has been granted a Phila-| ment of fire resisting materials for

useful occupations a Prussian insane cidents. A series of electric buttons, the asylum effects about twenty per cent. of cures annually

An automatically operated trapdelphia inventor for an observation decks of pessenger and excursion door that brings the gaps between passenger cars and station platforms By allowing its occupants practical on the same level has been adopted

The industry encouraged by the government. Tunis is now producing A Wisconsin inventor has patent- more than 10,000,000 gallons of ized persons, features on automobile ed skis with pivoted foot pieces, that olive oil in a year and expects in a send a wearer along over the snow few years more to double the am-

A New Jersey inventor's periscope with the production of copra from A submarine tender built for the of great range is featured by a hemi-A mechanical device, largely com- cocoanuts growing along the coast of Brazilian navy can admit an under- spherical mirror to be hoisted on a water boat into its hull and carry it mast to reflect objects in all direc-The United States department of or subject it to extreme water pres- tions down through a series of len-

Millions of Dollars Given-Millions of Belgians Fed-Yet Millions More Are Needed

Nothing else has ever so roused the indignation and practical sympathy of the English-speaking world as the fate of Belgium.

At the first call for help some of the leading business men of neutral United States organized the Belgian Relief Committee, arranging with the British Government to co-operate, and with the Germans to keep their hands off-and the work of feeding the starving Belgians began.

Since then many million dollars have been contributed to the Belgian Relief Fund, chiefly in the British Empire and the United States, about half of it coming from Belgians living in these countries.
The wonderfully efficient Relief Committee have spent this money so carefully that an average of \$2.50 has fed each dependent Belgian family a month. Thus the nation has been saved alive—so far.

But only so far! The number of Belgians dependent on the Fund is steadily growing as their little hoards of food and money run out. Help is needed now more than ever before-and will be till the Germans are driven out. If it is not supplied, all that has been done cannot save the country from wholesale star-

vation for two weeks ! If you have been contributing to the Belgian Relief Fund, and so keeping some woman, child, family or families alive, don't leave them to starve ! If you have not done much yet, spare a little of your plenty for some of the hundreds who are daily forced to join the bread lines at the Relief stations. The Relief Committee appeal particularly for regular monthly contributions sufficient to feed one, or better still, several Belgian families.

Provincial Committees, or 59 St. Peter St., dontreal. \$2.50 Feeds a Belgian Family



The Heela Steel-Ribbed Fire-Pot saves fully one ton of coal in seven. That is an every-year economy good for

the rest of your lifetime. This coal-saver to be had only in the Hecla Furnace looks good to most business men. It is guaranteed for five years.

Ask us about it or write for booklet.

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MELLOW AIR FURNACE