

# The Automobile

OVERHAUL CAR AND SAVE TIME AND CASH.

If the automobile that has been in storage during the winter had its various parts properly protected, it may need only a general checking up such as might involve giving attention to lubrication, battery, tires and a good cleaning. It all depends on what the condition of the car was when it was put away last fall. In any event, a good overhauling can be calculated to insure a more satisfactory use of the machine than if it is taken for granted that everything is in usable shape.

The running gear, for instance, should be carefully looked after, especially if the machine has been driven over roads that are very rutty. Such roads increase the side thrust on the wheels and consequently are liable to upset the steering apparatus, to wear the knuckles and the wheel bearings excessively.

## EXAMINE THE WHEELS.

If the wheels are of wood, they may need tightening at the hubs. If the wheels have wire spokes some of these spokes may need taking up. Spring clips should be inspected and tightened if necessary and motor support bolts should be looked after.

If the owner is mechanically inclined and if he enjoys tinkering with his car he can do this work himself. If he lacks confidence in his ability along

this line he can take his machine to a reliable service station and let an expert automotive mechanic thoroughly and scientifically check up on various parts of the car. Following the expert's advice such repair work can be done as will accomplish the best results. Perhaps a more general and logical procedure is for the owner to do some of the simpler things that do not require expert knowledge and then let the service station finish the job.

## ENGINE NEEDS ATTENTION.

There are a few items which can well be given attention from the standpoint of the engine. These include scraping carbon from the cylinders, if necessary, grinding and adjusting valves, cleaning and adjusting spark plugs, testing vacuum tank, cleaning and refilling oil reservoir, tightening engine in frame. Also the ignition instruments should be cleaned, oiled and points dressed and adjusted, starter brushes and commutator should be smoothed up, starter brush springs should be examined for tension, carburetor float, float valve stem and float valve weights should be examined for wear, carburetor float valve and carburetor needle valve should be inspected for proper seating, carburetor body and strainer chamber should be cleaned and spray nozzle should be blown out.

## Sons of the Soil.

Attention has recently been directed to the fact that a family of small farmers, named Berton, have been cultivating the same land for a period of 254 years. The Berton farm is situated at Merlaut, near the eastern limit of the Marne.

France could probably provide many other examples of similar cultivation by successive generations. Her sons have always been famous for their attachment to the soil.

In 1823, when it was decided that all French farmers whose families had been cultivating the same land for over three hundred years should be decorated with the Legion of Honor, seven hundred and fifty farmers were found eligible for the distinction. One of them, Jules La Sargue, was able to establish that his family had been farmers in the village of La Coutte, Tarn-et-Garonne, since the year 772.

It is very doubtful if this can be beaten anywhere. But our own County Durham, England, has a right to be proud of the record of Belle Vue Farm, Stanhope. This farm has been cultivated by the same family for over six hundred years.

## Flowers and Inspiration.

I have a hundred dollars invested in seeds, bulbs, roots and tubers in the ground. No kid waiting for Christmas, no small boy waiting for a circus ever had any more thrills of impatience than those with which I wait for Spring.

Digging in a garden is better exercise than golf, better gambling than poker, better fun than a circus and brings finer presents than Christmas.

I have learned a lot in planting my flower garden; a lot about men and a little about God. I take a bulb, dull brown and seemingly lifeless and bury it in the earth to see it spring into life and bring forth a thousand times its bulk in leaf and lovely flower. How can I ever again question the full truth of life beyond the grave or fail to laugh at a preacher who has to go to the Bible to prove it?

## Man's Speed Records.

Men have been developing their ability to make speed records for some years, with the result that human agility has set the following marks for one-mile distances: Skating, 2 minutes 35 seconds; swimming, 22 minutes 34 seconds; running, 4 minutes 10 4-5 seconds; bicycling, 1 minute 4 1-5 seconds. Against these marks the horse has set 1 minute 35 2-5 seconds for running and 1 minute 56 3-4 seconds for trotting.

## Largest Meteorite.

What was probably the largest meteorite known to have struck the ground fell in Alsace in 1492. This gigantic lump of metal weighed no less than 260 pounds.

## The Function of Music.

Music must not be thought of principally as a mind trainer, as a therapeutic agent, or, as a religious or socializing force. Its prime function is to arouse in a man a more highly spiritual attitude as the result of a definitely esthetic reaction and because of the sensation afforded by such attitude when once roused, to raise the general level of his whole life to a higher plane. All these other things are valuable, but they must be considered rather as by-products than as principal ends.

The function of school music is to cause the rank and file of our boys and girls to maintain, if possible, to increase, the interest which they felt when they first heard and took part in music; and to give them suitable opportunities for growing constantly more appreciative and more intelligent when listening to good renderings of standard music. It also should fit them to take such part in the performance of good music as their varied capacities and inclinations may make possible and desirable.

## Shot by a Candle.

A remarkable inscription cut into the stone wall of the lower ramparts of the Round Tower at Windsor Castle has excited the curiosity of many visitors. No date is attached, and there is no explanation of its meaning beyond the actual words: "C. Horne—Shot by a Candle."

Curiously enough, however, an old Windsor diary has come to light which contains, under the date June 8th, 1833, this remarkable entry: "Chas. Horne, Clever Lane, was killed by a man shooting a rush-light at him from a gun. Buried at Eton, June 11th."

There is no evidence that the inscription on the castle wall and this entry in a diary refer to the same incident, but the probability is that they do. In reference to the event itself, it was probably the tragic end of what was meant for a joke, the offender thinking a tallow candle would merely flatten out against the poor fellow's body and do him no injury, whereas it has been proved that a candle can be fired through an inch board.

## Bird Doctors Itself.

A famous Parisian surgeon states he killed a bird whose broken leg had been supported by a sort of sling made of feathers bound into position by the bird itself.

## Stone of Many Colors.

Turaline, a stone of many colors, was discovered in 1820 on Mount Mica, near Paris, Me.

## Deep Spot in Atlantic.

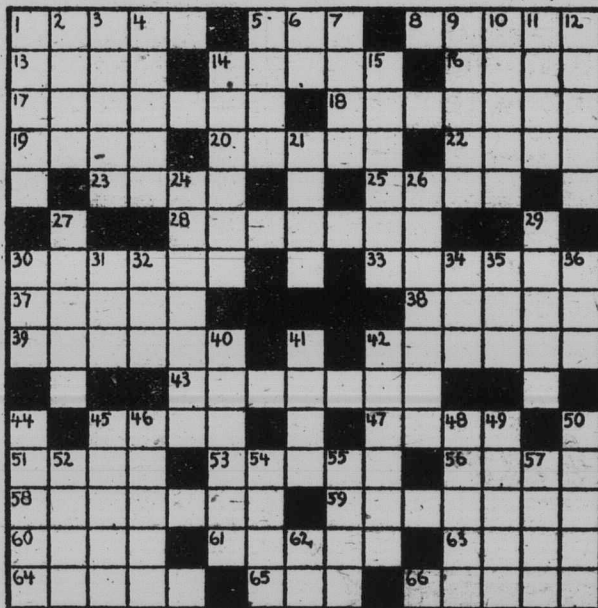
Near the mouth of the Rio de la Plata the depth of the Atlantic ocean is more than eight miles.

Epsom salts, comparatively harmless in the stomach, is a violent poison in the veins.



King Albert of Belgium on St. George's Day unveiled a memorial on the mole at Zeebrugge in memory of the British naval feat of arms there.

## CROSS-WORD PUZZLE



THE INTERNATIONAL SYNDICATE.

## SUGGESTIONS FOR SOLVING CROSS-WORD PUZZLES.

Start out by filling in the words of which you feel reasonably sure. These will give you a clue to other words crossing them, and they in turn to still others. A letter belongs in each white space, words starting at the numbered squares and running either horizontally or vertically or both.

### HORIZONTAL

- 1—Sweetheart
- 2—Fishing implement
- 3—A crack
- 13—Land surface
- 14—A Jewish festival
- 16—Always
- 17—Incomplete
- 18—Assemble
- 19—Otherwise
- 20—Afflicted with grave disease
- 22—Resches a finish
- 23—A street car
- 25—Sour
- 26—To move back
- 30—Explosive machine
- 33—Account book
- 37—A variegated waxy quartz
- 38—Not fastened
- 39—Hereditary
- 42—Colored
- 43—To replace
- 45—To throw
- 47—Weapons
- 51—To scorch
- 53—Subdued
- 56—Against to military officer
- 58—Small dog
- 59—Wishes
- 60—Therefore
- 61—Firm
- 63—Tidy
- 64—To inundate
- 65—A speck
- 66—Disease of calisson workers

### VERTICAL

- 1—Part of a coat
- 2—Verbal
- 3—Russian measure of distance
- 4—Consumer
- 6—Govern
- 6—Correlative of "either"
- 7—Cubes of chance
- 9—Bar of metal
- 10—Happening
- 11—To ward off
- 12—A lock of hair
- 14—Concealed in the hand
- 15—Subject to death
- 21—To peel
- 27—To commence
- 28—To beseege
- 30—A churn
- 31—A color
- 32—Consumed
- 34—To put on
- 35—Obtained
- 36—A color
- 40—A communication
- 41—Newspaper paragraph
- 42—Exchanged
- 44—Performed
- 45—A ship's freight
- 46—A missile
- 48—An eastern State of U. S.
- 49—A fabulous nymph
- 50—Joker
- 52—A form of address (Ger.)
- 54—Dry
- 55—To prepare for publication
- 57—Deceased
- 62—Proceed

## Dearest Mother.

When the rosy hues of sunset  
Melt in golden clouds away,  
And the azure slowly fading  
Deepens into twilight gray,  
When the murmuring winds are sigh-  
ing—  
Low through every leafy tree,  
And melodious sounds are dying,  
Dearest Mother—think of me!

When the hush of evening breezes  
Brings soft music to your ear,  
And the songs of happy childhood  
Gaily echo loud and clear,  
When the stars of Heaven are gleam-  
ing—  
Brightly on the moonlit sea;  
In these hours of peaceful gladness,  
Dearest Mother—think of me!

When the perfumed flowers are bend-  
ing  
Neath the silent falling dew,  
And a thousand sounds are bringing  
Visions dim before your view;  
While your heart is fondly turning  
Back to one you may not see,  
And your soul is sadly yearning,  
Dearest Mother—think of me!

Bernard F. Maguire.

## Punctuation.

The art of punctuation is simpler to-day than it used to be, but a comma or two can still change the whole meaning of a sentence, as appears in the amusing interchange of telegrams that recently took place between two popular favorites of the stage. The first telegram read: "Mrs. Fiske thinks Margaret Anglin is America's finest actress." The reply was this: "Mrs. Fiske, thinks Margaret Anglin; is America's finest actress." The result here was happier than the effort of the man whose wife cabled from Paris for advice about buying a pearl necklace for \$10,000. His reply was, "No. Price too high," but the operator left out the period.

## Let's Win!

Let's try again!  
We know there's hurt and pain  
Sometimes to face  
In life's long race,  
But yet 'tis only cowards who give in:  
Let's try again—and win!

The road is shadow-filled:  
The song is stilled  
Because we're tired and footsore—  
weary, spent;  
Well, never mind!  
Get up, press on to where the high  
roads wind  
Up to the summit of the soul's con-  
tent!

Not easy—no, it needs  
A courage-heart  
To do one's part  
In this great school of deeds  
Which try the will!  
But sure and still  
We follow on where the Great Master  
leads!

Lillian Gard.

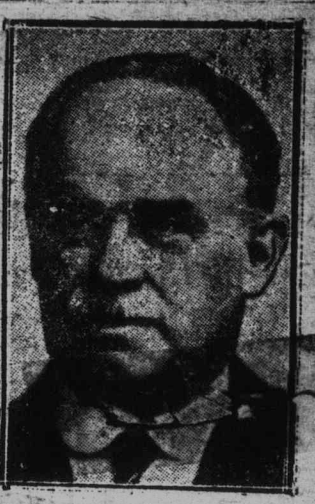
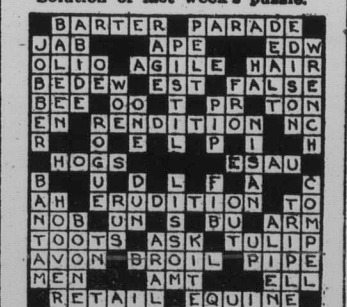
## A Poem You Ought to Know.

John Milton, who could describe the war in Heaven and the Beauties of Eden, could sing in softer tones the sweet delights of a lovely May morning in his native England.

Now the bright morning-star, day's harbinger,  
Comes dancing from the east, and leads with her  
The flowery May, who from her green  
lap throws  
The yellow cowslip and the pale prim-  
rose.

Hail, bounteous May, that dost in-  
spire  
Mirth, and youth, and warm desire;  
Woods and groves are of thy dress-  
ing,  
Hill and dale doth boast thy blessing.  
Thus we salute thee with our early  
song,  
And welcome thee, and wish thee long.

## Solution of last week's puzzle.



Basil Hall  
President of the British Medical Association, who addressed the Ontario Medical Association at Toronto on "Gastric Surgery."

## Natural Resources Bulletin.

The Natural Resources Intelligence Service of the Dept. of the Interior at Ottawa says:

With the arrival of spring the fuel situation is not such a serious problem in Canada as at other times, but it is necessary for those who have to provide the following season's supply to be alive to the situation. The Dominion Fuel Board and the fuel testing division of the Dept. of Mines are, and have been for some considerable time, carrying on investigations and tests for various kinds of coal for their heating qualities and also for their coking qualities. Canada, in the twelve months ending February last, imported 8,912,129 tons of American anthracite coal, valued at \$35,029,152. This was used almost entirely for domestic heating. Due to periodical strikes and other disturbances in the anthracite mining areas of the United States this fuel supply is no longer absolutely dependable, and it is necessary therefore that Canada provide herself with substitutes.

The series of tests are being made upon various types of fuels, with a view to determining their relative values when burned in standard types of hot water house-heating furnaces. These tests, which are still in progress are being made upon the various types of anthracite, American, Welsh and Scotch; various types of coke, gas coke and metallurgical coke, coke made in by-product ovens, some high grade, low volatile bituminous or semi-bituminous coals, and a representative series of Alberta coals.

The results of tests to date have shown that the British anthracite, the coals and certain of the high grade low volatile bituminous coals, including the Alberta coals of the Canmore class, appear to have a higher heating value than the average American anthracite sold at Ottawa, that is, it requires a smaller quantity of these fuels than it does of American anthracite to deliver a unit quantity of heat. It requires from one ton to three-quarters of a ton of these coals to deliver the same quantity of heat as one ton of the average American anthracite sold in Ottawa.

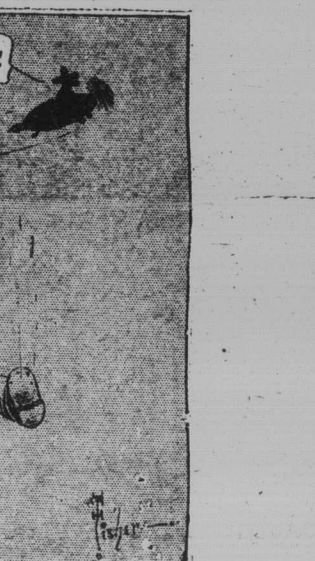
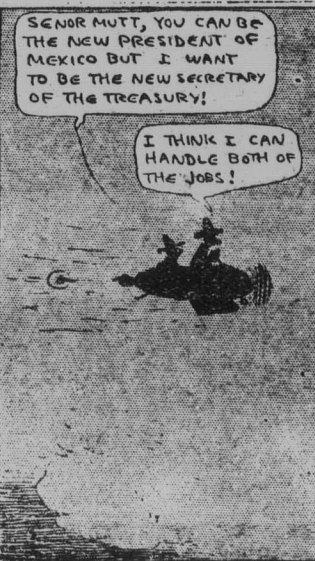
## Iceland Limits Imports.

Fashionable Icelandic women have had few new models from Paris this year, and the modish young men will not be able to import any of the flapping Oxford trousers, so much commented on in England. This because for two years Iceland is not to bring in any ready-made clothing. Shoes and all sorts of fabrics also are on the prohibited list.

Practically all luxuries and many necessary articles have been placed on the prohibited list in an effort to stabilize the Icelandic crown. Bread, butter, margarine, cheese, salt meat, pork sausage, eggs, fruit, leather goods, oils, soap, furniture, films, watches, clocks, motorcycles, automobiles and scores of other articles may not be brought into the country.

What one wants is to be interested, and if one isn't life is pretty much the same in a surface car, as in an automobile. —Ellen Glasgow.

## MUTT AND JEFF—By Bud Fisher.



A. Mutt, President of Mexico; Little Jeff, Sec. of the