## The Automobile

RATTLE IN CAR OFTEN MEANS TROUBLE NEAR. The number of locks which are to be would prevent them from falling off

The number of locks which are to be found on the modern automobile seems to be increasing as the years go by, and the total value of cars and acces-sories stolen runs up into even larger figures. There are locks on the steer-ing wheel, the moto-meter, the trans-mission, the doors (of closed cars), the trunks carried on the rear and the spare tire. While these might be considered as locking devices, they are not exactly

While these might be considered as locking devices, they are not exactly what the automotive engineer means when he uses this term. He means the various devices which keep the different parts of the car in place and working effectively so that important bolts will not be loosened by vibration. It is the ideal of every manufactur-properly locked in place. It should be the ideal of every driver of a car to

properly locked in place. It should be the ideal of every driver of a car to see to it that they stay in this desir-able condition. No motorist cares to have his car so conspicuously noisy from numerous rattles that everybody can recognize when he is driving by can recognize when he is driving by the sundry sounds his machine makes.

CHECK UP FOR DEVICES. There is just one possible advantage that attaches itself to the clattering, namely, that no thief would ever con-secured by two nuts. One acts as a CHECK UP FOR DEVICES. sider stealing it. The noise of such a car would readily be recognized by the local police. However, the thief "vi-in case the nuts should loosen up by bration" may steal many of the parts. any chance. The new owner of a car after driving

REAR WHEEL FASTENINGS.

The new owner of a car after driving it for a few days should go over it carefully himself to check up on the locking devices or take it to a service station for this purpose. When a person buys a new automo-bile he ought not to take too much for granted as to the snugness of nuts and he ought not to condemn the maker of the car too severely if he finds a few of them becoming loose after a few hundred miles' run. This is apt to happen in the best cars. It should be said that the manufacturers have with such locking devices for parts as will insure the greatest possible safety to automobile owners. Many parts of a car are made fast

to automobile owners. A travels up and down the cylinder at Many parts of a car are made fast through the use of bolts with the threads on them and nuts that turn on the threads and make the parts tight. In the past, more than at pres-ent, it was the practice to have the bolts long enough so that two nuts iron, the cylinder may be scored. As boils long enough so that two nuts iron, the cylinder may be scored. As could be put on. One was jammed against another in order to lock them in such a way that it would be impos-sible for them to come off. Then, to make doubly sure the nuts would not parts of an automobile, while reliable fall off, a hole was drilled into the bolt in the main, are not infallible and and a split steel pin called a cotter should be given the once over once in mus inserted. Thus even though the a while to insure the best motoring nuts became loosened the cotter pin results.

A Poem You Ought to Know. Freaks of the Famous.

Eccentricities of famous people provide a strange and surprising study, for many celebrities of the past have English Lakes famous all over the obsessed with remarkable no world, and visitors from many lands been tions and have engaged in freak hob-

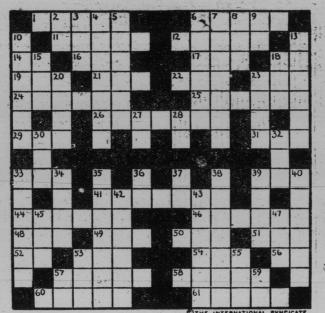
visit Dove Cottage on the shores of Grasmere, and Rydal Mount, his later bies and queer pastimes. It is recorded of Daniel Webster that and larger house on Rydal Water. had a peculiar fancy for painting the faces of his cattle, and he changed The cock is crowing. his color scheme frequently. One day the neighbors would see Webster's cows grazing in the park with their faces painted blue, and the following week the animals would appear with red-painted faces. Webster, it is said,

The stream is flowing, The small birds twitter. The lake doth glitter, The green fields sleep in the sun. The oldest and youngest Are at work with the strongest: delighted to mark the look of surprise The cattle are grazing, with which his friends regarded the Their heads never raising: result of his strange hobby. The ruling passion of Peter the There are forty feeding like one!

Great was to ride about in a wheelbar-Like an army defeated

anon;

#### **CROSS-WORD PUZZLE**



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 -Famillar fruit 6-Hostler 11-To ring musically

12—To thwart 14—Suffix to form plurai 16—Part of a priest's dress 17—A law school degres (abbr.) 18—Joint account (abbr.) 19—A serpent 21—Grand Lodge (abbr.pl.) 22—Man's name 23-An obstruction 24-Entice 25-Forward 26-Forming an image of 29-Girl's name 31-Man's name (familiar) 33-Suffix meaning "of the natu of" 89-Secretary (abbr.) 41-Tell, relate 44-To win 46—Mistakes 48—Numbers (abbr.) 49—Insane

50—To go wrong 51—In no manner 52—Latin word meaning "in same place" (abbr.) 53-Small compact mass of matter matter 54--Torn piecs of cloth 56--A college degree (abbr.) 57--Satlates 58--A prescribed place 60--Seraglie 61--Royal

2—A society for the relief of eick and wounded (abbr.) 3—Interjection 4-Wanderer or wayfarer 5-Symbol 6-A measure of capacity 7-Decisions, as of a judge 8—Aged 9—Meaning "all correct" (abbr.) 10—Allow as a deduction 13—Forgive 15-The sun 18—A container 20—Province of Canada (abbr.) 23—Poet 27—Indefinite article 28—Preposition 30—A nobleman (abbr.) 82—Part of verb "to be" 33-Covertly sarcastle 34-Blows 85-To make alive 86—Physician's title (abbr.) 37—A South Atlantic State (abbr.), 38—A raised level space 39-Presently -Pertaining to a rib 42-A wreath for the head (rare) 43-Great fright 45-To move with a jerky motion 47-To take away from wrongfully 53-Conflict 55-To silence 57-A continent (abbr.)

It's true I've gone on the war path, VERTICAL I've smitten your cities and homes, . I've cracked the walls of your stately halls, I've threatened your spires and domes l've spoiled your gardens and orchards, l've carried your bridges away, The loss is told in millions of gold; The indemnity you must pay. But had I not cause for anger? 35 Was it not time to rebel? Go, ask of the springs that feed me. Their rock ribbed heights can tell. Go to my mountain cradle. Go to my home and see, Look on my ruined forests And note what ye did to me. These were my silven bowers.

My beds of bracken and fern. The spots where I lie and rest me E'er to your valleys I turn. These you have plundered and wasted You've chopped and burned and scarred, Till my home is left of verdure bereft, Bare and lifeless and charred.

> So I have gone on the war path; I've harried your lands with glee. Restore with care my woodlands fair And I'll peacefully flow to the sea. F. W. Nash in Canadian Life and Resources.

The River's Vindication.

The Mud and the Sunset....

Patrick McCorthy was being shaved by a very careless barber. He took the numerous gashes in stoical silence, but when the shave was over he gravely It was not the sunset he was seeing, when the shave was over he gravely walked over to the barbers water bot-but the mud. The glory that was

### TWO INDIANS AND THEIR CHILDREN

"The shift dold and hungry, Mr. Vin-equal and his comparison, who, twee canceins in the Great Shive Lake dis-trict, were glied to see an India wis-their cance shift up the bank several children, nearly maked, fied and hid in-children, nearly maked, fied and hid in-children, nearly maked, fied and hid in-children, nearly maked, fied and hid in-children and wit to ward to ward to a set as a sufficient but the word i. Mr. Vincent ward to ward to a set as a sufficient but the word i. Mr. Vincent ward to ward to ward to ward to a set as a sufficient but the word is the set of the set o the woods. Mr: Vincent went towards the wigwam, and a fall, surly looking slouched toward him. Mt. Vincent peinted to his mouth and asked for food, but the Indian shook his head. The visitor then held cut his hands and said he should like the said they had to hurry or this hands and said he should like the said they had to hurry or this hands and said he should like the said they had to hurry or this hands and said he should like the said they had to hurry or this hands and said he should like the said they had to hurry or the said the should like the said they had to hurry or the said the should like the said they had to hurry or the said the should like the said they had to hurry

out his hands and said he should like on.

to warm them at a fire, but the Indian again shook his head. Mr. Vincent looked round for the children who ran from him; he saw a tousled head here smiling faces of the boys; "Hear him boys sing?" said Joe

thought of Black Beaver

and there and inquiring, frightened thought of Black eyes and sunken cheeks. Then he he-and he wondered. yes and sunken cheeks. Then he re-A little further down the river on for him, and he praised them and gave eyes and sunken cheeks. Then he re-

A little further down the river on the opposite bank he came upon an-other wigwam. The barking dogs brought out a big Indian and four com fortably .dressed boys. The Indian greeted the stranger hartily and in-vited him into his home. vited him into his home. "Plenty fish," said the Indian, way-

sions mean?" asked the delighted mining aside the money that the visitor ister. means." replied Mr. Vincent. offered him. "Him cheap."

"It means," replied Mr. taces of "that I have looked into the faces of Mr. Vincent spoke of the Indian on the opposite bank.

#### Forestry and Water-Power Developments Provide Cheap Newspapers.

While many means are used for the dissemination of news, the telephone, telegraph and radio, we cannot overlook the fact that the great distributhe Matural Resources Intelligence Service of the Dept. of the Interior. Back, of the newspaper stands Can-ada's natural resources of forest and ada's natural resources of forest and water powers. Newsprint is compos-ed wholly of woodpulp, certain other chemicals being used only in the pre-paration of the pulp. In order to make the woodpulp a large amount of power, is used. This power must be supplied at very low cost for the reason that 1. A. 14 Is used. This power must be supplied at very low cost, for the reason that the product is a very low priced ma-terial newsprint being sold to-day by the mills at a little over three and one-half cents per pound. It is estimated that a paper mill requires 100 horse-power for every ton of daily capacity that is a one-hundred tar mill re--that is, a one-hundred-ton mill re-quires 10,000 horsepower. This power is supplied in the devel-opment of some or our magnificent

opmant of some or our magnificent water powers. Not many people reauter the speed with which newsprint is man. Mg. chines have been installed within the past few years that will make a sheet of paper 234 inches wide, and they are running at the rate of 800 feet of maner per minute. Taking the woodpaper per minute. Taking the wood-pulp in solution on the screen at one

end of the machine, it is being wound of the roll at the other end in about The Mud and the Sullisca. One autumn evening at sunset two men were loitering on the picturesque old bridge at Battersee, aneland. One of them was a writer, hard-working when we can put in an enjoyable when we can put in an enjoyable

The river was at a low stage, at hour or more reading our newspaper, hour or more reading our newspaper, but of three quarters ebb, and ou each at a cost of two or three cents, let us side of it there were patches of shin. not forget that back of the paper, and side of it there were patches of shin-ing mud that reflected the glorious western sky, which turned the ode in-to a mass of wonderful colors. The forests and to a mass of wonderful colors. The forests and to be a mass of wonderful colors. The forests and to be a mass of wonderful colors. The forests confer upon forgot his hunger as he stood there the forests confer upon forgot his hunger as he stood there the forest confer upon for manufacture. The was pleased to see the other man, also watching.



Don't Do It. The way some people neglect their health is summed up by John Kend-In March. William Wordsworth has made the

rick in the following verses: You know the model of your car, You know just what it's powers are. You treat it with a deal of care Nor tax it more than it will bear. But as for self-that's different; Your mechanism may be bent,

Your caliburetor gone to grass. Your engine just a rusty mass Your wheels may wobble and you cogs

Be handed over to the dogs And you skip and skid and slide Without a thought of things inside. What fools, indeed, we mortals be To lavish care upon a car With ne'er a bit of time to see

# 59-Southern State (abbr.)

Solution of last week's puzzle. BE I MIGHT T AM LIT IST W LOTIO IST WEAR PSEPS WIDST ASSA VAL GAME SL1CE MYT DECOY DUS DOT FERS DC E SERVS

R DREST ENSUE I Do y house p at

Merely a Test

row, and many of his State visits to The snow hath retreated. cities and towns over which he ruled were made in this fashion, the mon-On the top of the ba On the top of the bare hill:

arch being wheeled along in his home-The ploughboy is whooping-and ly conveyance pushed by a perspiring manservant.

There's joy in the mountains, There's life in the fountains; One of the favorite entertainments of William the Conqueror was watch-ing a dog fight. His subjects, knowing Small clouds are sailing, Blue sky prevailing; The rain is over and gone.

this, used to send his dogs, and the king would select from these the biggest and fiercest types. Then he set City Under Sahara Sands. them to fight in pairs, and would sit

all day watching the combats. Of a very different nature was A Swiss traveller recently paid a visit to the underground Town George Washington, for, though he Gharian (or Assabat), constructed unloved fox-hunting, his main idea of the der the sands of the Sahara Desert, in chase was always to try to capture Tripoli, not far from the Mediterran-alive a young fox cub, which he would ean coast. It has a Mohammedan

take home with him. Then, patiently population of 30,000. On the surface the only building and with much perseverance, he would teach his captive tricks, which the cub visible is a small Italian military outlater performed for the amusement of post, and the town, built several cen-

Washington's friends.

US

turies ago, lies several hundred yards A winding narrow path leads down to the principal square, which is surrounded by houses resembling catacombs cut into sandstone and clay. There are flats several stories high, in which goats, chickens, etc., share the rooms with their owners. The subterranean city has two great

advantages-a cool temperature all the year round and freedom from sandstorms. Its great drawback is a lack of light. Long before the sun sets it is dark there, and primitive oil lamps are lighted.

The greatest sufferers are the harem women, who must be in their rooms at sunset, and are not permitted to have Excellent water is obtained lamps. from wells, and ventilation, it is stated is good.

He-"My first wife my money. "How'd she make out?"

An Epitaph. "He didn't have time to stop at the crossing; he has plenty of leisure as in the case of shaving slices off the end. now.

England's Short Parliaments. The shortest Parliament in English history was summoned on September 30, 1399, for the purpose of deposing Richard II., and was dissolved the same day after fulfilling this task. The Parliament which Charles I summoned in 1625 failed to please that exacting monarch and was dismissed after five months, whilst the Barebones Parliament, named after one of

its members, lasted a similar period. the members, lasted a similar period. The Parliament of 1701 lasted a month to be discharged)—"Now, my man, try inability to see the finer, purer aspects to remember what I said in my ser- of life.

U.S. Leads in Insurance.

world combined.

tle, took a mouthful, and with tightly thrilling one was lost on the other. compressed lips proceeded to shake his head from side to side. "What's the matter?" demanded the barber. "You ain't got a toothache, here you?" compressed lips proceeded to shake his have you?"

"Toothache, the devil!" said Pat. thing depends on the eyes

mon last Sunday, and make up your mind never to return to this place."

would want to come back 'ere again. est fashion plates in the world.

the other those who see in life every those who see the glory. In life every thing depends on the eyes we loo "No! I was only trying to see if me face would hold water without leakin'." almost all else if we may only get the

30 .....

Warning. Prison Chaplain (to prisoner about mud. It is also a form of blacks, the

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Hard Cash Cave drawings, 20,000 years old and money in the ice made much The United States carries more life Prisoner (deeply moved)—"Guv'nor, depicting women dancers, found in an "The Other One-""He's made a cool in man who ever 'eard you preach Spanish cave are described as the old-million."

> Trials of an Editor. Typegraphical grors and mistakes where they occur they see in a laborate region of a Jewish wedding, the "Ohio State Journal" once said that the hanny nair were

wedding, the Onio State John at once said that the happy pair were followed closely for non-asie by the officiating rabit, that seemed very funny to the light-minded, but it did up seem fanny lookie cilitor, especial-ly when the bride's father called to ree him about it.

She Wouldn't Go. A captain and his chief engine tired of endless debating on whi of them the ship could more easily dispense with, decided to change places for a day. The chief ascended to the bridge and the skipper dived into the engine-room.

After a couple of hours the captain appeared on deck covered with oil and

"Chief!" he called, "you will have to come down here at once. I can't mik her go." "Of course you can't," -itd the chief "Shes ashore."

If a candle is too large for the candle-stick, the end should be held in hot water until it is soft. It can the be pressed into shape to fit the hole.

Elere are some of the houses efected by the British Red Cross Society at Norwich for disabled soldiers. contain every labor-saving device known to modern science.