GRANDMA SERVED AS **CHAPERON**

(.C) by D. J. Walsh.)

RANDMA KNAPP smoothed the tawny bobbed head in her

Never mind, Emmy Lou. We will have a dinner dance for your young friends or a beach picule or something. Only do stop crying, child." Emmy Lou shook her head. "But nothing can take the place of the cruise on that beautiful yacht, Granny, can't you see? I've invited all the crowd and we've got our clothes ready and Bob's Uncle Win has got the crew together and even an orchestra to go along! And all the provisions are on board and everything ! He must have just-scads-of money. And then Mrs. Winslow has to go and get sick and Mrs. Davis has company and Aunt Agnes says she cannot go as chaperon because she gets seasick and-

"How about Granny?" and she laughed as Emmy Lou looked up quickly.

"Oh! but you see, Granny dear, I-I am afraid you-you-" "Too c 1? Of course, I was only

joking, precious-"

"Oh, not so much that, Granny," apologized lovely Emmy Lou. "but you might get seasick and have lumbago and-

"Never had either, but we won't talk about it. You must realize, Emmy Lou, that disappointments come into every life-and you must learn to be braver about them. They only make the sunshine more golden, child. Now run along and call Bob so he can tell his uncle there will be no party. 1 am so sorry, precious."

"But there must be, Granny, there must be! It will be our last chance, because Bob's uncle is going to cruise to Florida and stay there all winter. He is on his way there now. I just can't tell him!" She looked up, her finger in her mouth, pondering. "And you haven't the clothes, either, Granmy. You would need lots of white sports things and a dinner dress and white shoes . . ."

"Excuse me, precious! I haven't worn anything but white and black and lavender for nineteen yearssince grandpa died. I am just an oldfashioned grandmother. . . . not a Twentieth century one. Now run along. . .

Emmy Lou jumped to her feet. "You are going, Granny! Come quick! We must be at the pier at 2:30, Granny, you have saved the day." Granny was a trifle shorter than Emmy Lou, so the white flannel skirt was the proper length. There was a black and white sweater that buttoned down the front. She wouldn't even try one of the slipovers. There was a plain tailored white crepe de chine frock and with her own little orchid colored silk and her black-and-white flowered silk Granny's outfit was complete. Emmy Lou's white linen shoes pinched a bit. but she said nothing. While Emmy Lou sped downstairs to call Bob and tell him Granny was to be chaperon. she slipped a comfortable pair of black slippers into the bag-and a lavender and white gingham house dress! It was a handsome yacht that lay at the end of the pier. Bob met Emmy Lou and Granny at the gangplank and introduced them to his uncle, an elderly man with a kind, sun-tanned face framed with a shock of iron-gray hair. He showed them their staterooms and told Granny he hoped she would like the one with the lavender spread and drapes. "Uncle Win has ducked already," announced Bob gayly as the crowd of young people grouped under the striped awnings and the Sea Gull cast off moorings. "Let's clear the deck and dance. Uncle Win says the whole boat belongs to us except his own little nook on the upper deck."

THE CENTRE REPORTER, CENTRE HALL. PA

GOOD HINTS ON

PREPARING CAR

Mechanical Condition of Car

Plays Big Part in Pleasure

to Be Had.

Motor touring, the summer pastime

of millions, is pleasant directly in pro-

portion to the manner in which the

car performs, says a statement issued

by national headquarters of the Amer-

Ican Automobile association, which will

serve a vast majority of the 44,000,000

who will take their annual vacations

"The close relationship between the

pleasure of the tour and the condition

of the car should suggest to every

prospective tourist the wisdom of see-

ing that the car-is performing at its

best before the trip begins," says the

statement. "The need is one that is

ignored by many motorists until it is

brought forcibly to their attention by

mechanical trouble with its attendant

More Heed to Details.

In preparing the car for the much

different conditions it will encounter

on a touring trip, the owner need en-

vision no great outlay of money for

an exhaustive overhaul, says the state-

ment. Rather, it points out, the

process is one of paying a little more

heed to the principal details that mark

Battery, generator, distributor, spark

plugs, valves, carburetor, fuel feed

system, clutch, transmission, differen-

tial, crankcase lubricant, oil filter,

steering mechanism, brakes, tires, cool-

ing system and wheel bearings are the

units chiefly recommended by the

A. A. A. emergency road service ex-

perts for attention on the eve of the

tour. Summarizing the probable serv-

ices that each will need, the state-

"Battery-Remove corrosion from

terminals, and inspect connections to

see that they have not been eaten by

the acid. Replace suspected connec-

tions. Coat terminals with vaseline or

grease. Fill cells to recommended

Care of Generator.

matically controlled as to output, have

charging rate reduced for the tour. It

dimishes the load on the generator,

while turning on the lights serves no

other purpose than to keep the battery

from becoming overcharged, which is

"Distributor-Clean and adjust

"Spark plugs-Clean and check

breaker points. Apply a thin film of

points for condition and clearance. Re-

not so likely as generally believed.

"Generator-If device is not auto-

level with distilled water.

grease to the cam,

this year on the open road.

expense and delay."

ordinarily good car care.

ment says:

Three Kinds of "Pests" Are Always Dangerous

Thomas R. Freebody, vice president of a western motor truck association, enumerates three kinds of automotive "pests" that to him and many others are obnoxious and dangerous on our streets.

First, says Freebody, is the "showoff," who wants to let the world know he's driving a flashy roadster and has lost his manners in doing so.

Second, there's the employed driver who wants to get to his destination in a hurry and has no consideration for others. His horn blowing is more to divert abuse to the injured party than to himself.

Lastly, there is the nervous driver, who Freebody believes is most dangerous of all. He toots his horn at all times, whenever his imagination gets the worst of him.

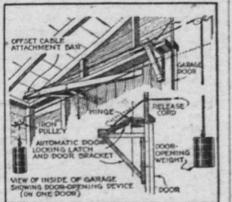
Coolness and restraint are essentials for good driving. Nervousness suggests a fear complex which, if pushed too far on the highway, may be taken up by others like a fast-spreading disease.

A slight touch of the horn button is enough to let the fellow ahead know you want to pass. No end of blowing will get you ahead, however, if the traffic is heavy.

The best that can be done when traffic is heavy is to ride along with it. Hornblowing is useless and troublesome.

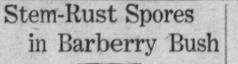
Weights and Pulleys to

Open the Garage Doors When you come back from a drive it is a nuisance to have to get out, unlock and open the garage doors, climb back in the car, and drive in. A novel and ingenious way to arrange self-opening garage doors, and details of construction are given in the illustration. Instead of stopping the car you reach out and pull the end of cord placed conveniently near the



Arrangement of Weights and Pulleys to Open Garage Doors and the Release Latch Which Is Used to Put the Handy Device in Operation.

driveway and some distance from the garage doors. The doors at once wing open and you continue into the



Common Plant May Produce 64,000,000,000 in Course of One Year.

(Prepared by the United States Department of Agriculture.) Calculating the possibilities of the barberry bush as a source of stem rust in wheat has carried investigators of the United States Department of Agriculture into mathematical multiplications that are beyond the reading capacity of the man whose arithmetical tables may have stopped with billions or trillions. Lynn D. Hutton, of the bureau of plant industry, says that a common barberry bush 6 to 8 feet high may produce more than 64,000,000,000 stem-rust spores in a single year,

Spores Are Small.

These spores are extremely small and may be carried by the wind. Each one that alights on a grain or grass plant may produce a rust pustule which contains 200,000 red or summerrust spores, and any one of these alighting on a grain plant may again multiply itself by about 200,000 within a week or ten days. Just assuming that each spore from the original bush lodged favorably and multiplied, the number of rust spores in the second generation of red rust would be expressed by 256 followed by 19 zeros, besides which the number of cents In all the European war debts combined would make comparatively easy reading.

Grain Loss Is Big.

Four or five additional generations may be produced in a year favorable to rust spread. Fortunately for our food supply only a small percentage of these spores ever actually germinate and damage the small grains. Those that do live, however, are responsible for an average annual loss of 50,000. 000 bushels of small grains in the upper Mississippi valley states.

How many barberry bushes may remain as sources of infection is not known. Many have been destroyed as farmers have realized how dangerous they are, but many have not yet been reached. Each one remaining is a source of danger.

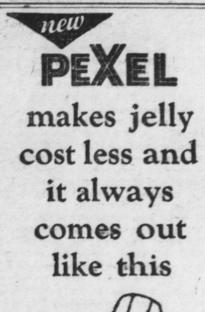
Cod Liver Oil Gives Uniformity to Chicks

Those who have made use of cod liver oil-given it a thorough trial for a complete season, feeding it to all fowls on the plant from growing chicks to matured laying and breeding stock-report a decided better and more uniform growth in young chicks, better molt in old birds. Common diseases of the flock have been practically eliminated. The layers produce many more eggs. Eggs for hatching



"All the world loves a lover." "Aw, I don't know." "Heh?"

"The tallor says his share goes to the florist."





"Wonder where Granny is," said Emmy Lou, looking around with concern.

"Probably down in her stateroom wishing she had never left the solid green," and then Bob lifted the tall glass of lemonade over his head, "Here's to the chaperon; may she learn from Cupid-just enough blindness to make her sweetly stupid. My dance, Emmy Lou."

But Granny was not in her stateroom. She had been standing at the rail looking down at the blue, green water as if cut away from the Sea Guil's prow when she found the owner at her elbow.

"When you wish to run away from the younger generation, Mrs. Knapp, I will share my retfeat with you. It is my own-on the upper deck. By George I" as he went up the steps, Granny following, "it must be great to be young like those kids. Now here it is! Plenty of wicker chairs, cut off from the wind, reading matter, a buzzer at your elbow connected with the kitchen . . . Oh! do you like Tennyson, too? Fine !"

Through the inland waterway of the Atlantic coast the Sea Gull nosed her way, stopping occasionally to let the young people disembark for a few hours ashore. Sometimes Uncle Win and Granny went with them, sometimes only Granny. Then there came the storm and for two days the Sea Gull tossed helplessly about, unable to put into shore on account of the rocks, and one by one the gay party sought their respective rooms. Emmy Lou was one of the last to succumb, and Granny hovered over her maternally. Emmy Lou was very sick, but she managed to groan:

"Granny, tell me, aren't you-not- | reached the height of 60 feet.

start our cruise to Florida-so let's begin-right now! And I am not sure that I envy those youngsters after all, little woman. We are so happy . . and we are so sure of life-and love . . ."

one-single bit-sick? Why, Granny Knapp, oh, Granny, I do wish I were

Granny went softly from one room

to the next and ministered to the

miserables. She bathed hot faces and

soothed them with her quiet voice.

Then she went up on deck and laughed

as the spray hit her in the face. A

man in an oilskin coat was approach-

ing. At first she thought it was one

of the crew, but it proved to be Uncle

younger generation !" he laughed.

wonderful up forward."

"And the chaperon survives the

"Wait and Fil get you oilskins. It's

When they finally got to port the

invalids lost no time in donning their

best clothes and leaving for the big

hotel dinner-dance. Uncle Win gave

the crew the afternoon and evening

off and went to his retreat. Granny

was tired and her feet, in Emmy Lou's

linen shoes, hurt. She started to go

to her stateroom and then remem-

bered she had wanted to examine the

kitchen. Everything was spotless.

it had been so dong since she had

prepared a meal. She peeped into the

refrigerator. The cook had planned

the dinner and it was on ice; boxes

of strawberries, fresh vegetables, a

great pan of chicken ready for cook-

ing. Resolutely Granny turned to the

stove, lit a burner, put the kettle on,

and went back to her stateroom,

where she changed into the comfort-

able black slippers and the lavender

and white house dress! She laughed

gleefully as she dropped several choice

pieces of chicken into the boiling wa-

ter. She sang as she hulled the straw-

berries and sifted the flour for biscuits

and shortcake. She arranged two

places at the big dining room table,

one across from the other. She won-

dered if Uncle Win was still nap-

ping. . . . hoped he would until

dinner was ready. The yacht seemed

so quiet after the noise and confusion

of the young guests . . . seemed

so peaceful and-domestic! She was

making the gravy when she heard

steps coming down the deck. Could

it be the cook-after Uncle Win had

given him the evening off? She turned,

her face flushed with the heat, the

gravy spoon in her hand. It was Uncle

Win looking in at the door. He sniffed

the savory odor of chicken; he looked

at the delicately browned biscuits; be

"You will invite me to stay, won't

you-Ursula? And what a beautiful

"Yes, put the biscult on the table

and get the cream out of the icebox.

I'll be right there with the chicken

When she did go into the dining

room, the two plates were set side by

side and Uncle Win took her hands

"That's the way it will be when we

dress. Lavender-and gray bair-

saw the shortcake-he laughed.

beautiful! Can I help?"

and potatoes and salad."

in his,

The pots and pans were alluring . .

home. . . ."

Win.

Many Will Think This Judge Had Right Idea

When John Gibbon was elected Junfor bailie of Elgin in Scotland, says the London correspondent of the Baltimore Sun, he said he could not promise, like the other magistrates, to temper justice with mercy, for he was not temperamentally built that way. A bailie in Scottish burghs has a position something like an alderman in England, but he also exercises some functions in connection with the administration of justice. He sits on the burgh bench to deal with petty offenses.

But although 'John Gibbon's conscience would not permit him to affirm squarely that he would be merciful, he stated with exactness what he would do. "For offenses of violence," he said, "I may be inclined to be severe, but if, on the other hand, the offense is a technical one by some poor submerged soul I am afraid I shall be inclined to pay the fine out of my own pocket."

Awful Threat

A five-year-old girl was taken to a Jeweler's, where her watch was to be repaired.

"It will be ready on Tuesday," said the assistant.

"A promise?" asked the little girl, seriously.

"I promise," replied the man smiling. But on reaching the door the child turned round and said, gravely: "If It is not mended then, I shall sue you for breach of promise."-New York Herald-Tribune.

Keeping Balance in Life

Conditions demand that we live with other people, and our problem is to keep our mental, moral, and spiritual balance while all kinds of influences are brought to bear upon us. Our task is similar to that of the old-time seaman who rigged his sails so that his vessel would ride on an even keel. Instead of being blown over by the wind, the ship would make progress on its course even in a gale.

Fundy's Furious Tides

The remarkable tides in the Bay of Fundy are caused by the natural obstructions which make it difficult for the sea to enter. The bores that pour in and out in such furious fashion are the result of the sea forcing its waters through a very narrow channel. The Bay of Fundy has an -average breadth of 35 miles and a length of 180 miles. The tides have at times

plucement, if the plugs have seen a year's service, is generally advisable. "Valves-It will pay to have the valves ground if this has not been done for 7,500 miles, regardless of the gasoline one uses. Valves must seat properly for efficient engine performance. For the tour, it is not wise to adjust them too closely. This means quick valve deterioration and poor performance. Look sharply for burned exhaust valves during the grinding process."

``* **AUTOMOBILE NOTES**

**************** There are 27,350 motor vehicles registered in Berlin.

. . .

Hydraulic brakes do not need cleaning as long as they work properly.

When dollar bills are smaller, what will the garage mechanic wipe his hands on?

This new bugle-call type of auto horn tends to bring the pedestrian to military attention so the driver can hit him more squarely.

The idea of arbitrating the matter always comes too late to be of any assistance to the man who has disputed the right of way with the locomotive.

garage.

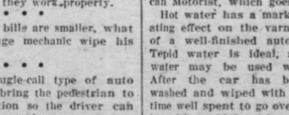
The secret lies in the peculiar leverage that translates the downward pull of two weights into effective opening pulls on the doors. Note that the point of attachment for the end of the cord is on the end of wooden frame so that as the door swings outward the point of attachment moves to let the weight go downward. The illustration shows the release latch which' should, bf course, be fitted to the door which has a bead to keep the other door closed .-- Popular Sci-

ence Monthly. Hot Water Is Injurious

on Varnished Surfaces

Is hot water good for the surface of the car? It is not, according to American Motorist, which goes on to say: Hot water has a markedly deteriorating effect on the varnished surface of a well-finished automobile body. Tepid water is ideal, although cool water may be used without harm. After the car has been properly washed and wiped with chamois it is time well spent to go over it thoroughly with a high-grade automobile or plano polish. Use good grade cheesecloth and be sure to rub until the last trace of wet polish has been removed as a film of polish left on the surface of the car quickly collects a heavy coating of dust.

MOTOR TRUCK'S LOAD-CARRYING ABILITY



have been more fertile and the eggs hatch better. They also say the cost is nil compared with the result obtained. The poultry raiser who fails to make

use of cod liver oil in his poultry-feeding operations for the layers, breeders and growing stock is making a big mistake. A season's trial will be the best investment ever made.

Lime and Phosphates as

Pasture Top Dressings Some of the English investigators have demonstrated the good effect from lime and phosphates as top dressings of pasture. The carrying capacity has been doubled under such sceatment. Previously cattle or sheep grazing on such land had been troubled with rickets resulting in heavy losses from cripples and paralysis. In one such instance reported from England, lime and superphosphate were applied. Samples of the grasses from treated and untreated areas were analyzed showing that the percentage of phosphorus, potash and lime had been more than doubled through the treatment. The increases were as follows: Phosphorus 136 per cent, potash 102 per cent, lime 152 per cent.

****** Agricultural Notes ******

Artichokes make good pasture for hogs in late summer or early fall. . . .

Cut the lawn often and do not remove the clippings. They help to build a good lawn soil. . . .

The popular vegetable, asparagus, should be cultivated during the summer months even though the stafks are not producing. Efforts along this line will be rewarded next spring by big, healthy stalks.

Garden plantings, either fruit or vegetable, frequently suffer from lack of moisture during summers. Complete control of weeds and grass in the garden is the protection practiced by the skillful grower.

Dust wallows are a source of pleasure to the hens during the summer months. Spade up the fresh, moist earth in the shade, and the hens will do the rest. Dust baths are instrumental in keeping lice under control. . . .

If the pigs do not have permanent shade, such as that provided by trees, put up a temporary structure, says live-stock specialists of the Pennsylvania State college. This is especially important for heavy hogs and sows farrowing in the fall. Also provide plenty of fresh, clean, drinking water in receptacles Li which the pigs cannot wallow.



PEXEL makes jelly cost less per glass. Cuts boiling time to one minute. Saves your time and fuel. You get more jelly because fruit juice, sugar and flavor are not boiled off. Pexel repays from one to three times the 30c it costs.

Pexel is different. It is a powder, not a liquid. Colorless, tasteless, odorless. It is a 100% pure-fruit product. Makes jelly jell as soon as it is cold. Equally effective with fresh fruits, bottled juice, or unsweetened canned fruits.

Get Pexel at your grocer's. Complete recipe booklet with accurate tables in each package. 30c. The Pexel Company, Chicago, Ill.



* For example-with Pexel

41/2 cups strawberry juice and 8 cups sugar make 11 glasses jelly. 41/2 cups raspbert7 juice and 8 cups sugar make 11 glasses jelly.

6 cups currant juice, 10 cups sugar make 14 glasses of jelly.

41/2 cups grape juice and 7 cups sugar make 10 glasses jelly.



It is estimated that during 1928 probably from 25 per cent to 35 per cent of all motor trucks sold will be put on farms. This indicates the farmer's appreciation of the motor truck's load-carrying ability.

Motor trucks are used to carry almost every conceivable agricultural commodity. They carry the farm products to town, they bring back grocerles, feeds, fertilizers, equipment, etc., says the Illinois Farmer. They do this work rapidly and expeditiously in a fraction of the time that is required with other forms of power.

The motor truck is an essential piece of farm operating equipment because it enables the farmer to do his work faster, do his hauling cheaper and to reach markets which heretofore have not been available to him.