

### GEARS CAUSE OF MUCH NOISE, MUST MESH PROPERLY

Gear noises are objectionable for two reasons—they are not very pleasant and they indicate abnormal operation of the gears, which may quickly lead to expensive trouble. Transmission or axle gears, though mounted in a housing, even when in good condition will emit a slight hum, for it is almost impossible to operate two meshed gears without there being some slight noise. The noises that gears make when they are not operating properly are at once detected by the driver of the car because there usually is a severe stress in the sound, a loud howl or some noise which is quite different in character from that given off by two properly fitted gears.

So far as the engine is concerned the front end or timing gears usually run quietly for long periods, but when wear sets in, when bearings wear and force the gears out of proper mesh, or when chips of foreign matter get between the gears there is an immediate increase in noise until it becomes a nuisance.

Much of the engine noise is due to these timing gears, the tappets being secondary. The unfortunate thing is that when the timing gears do become noisy one cannot come upon the cause of the trouble without examining the gears. They are noisy, the driver says, and the only way really to find out why is to take off the timing case cover, look at the gears, feel for blackness and oil, and then either put in a whole set or a non-metal gear. It is possible often to get a quiet front end by substituting a fiber or other non-metal gear for a metal one. Where all metal gears are demanded it is necessary to match the gears. Usually one new gear in the train will be noisy.

### DISCARDED TIRES MIGHT PROVE WORTH KEEPING SAYS EXPERT

MANY car owners using tires that have developed weak places in the fabric have wondered whether in the interests of economy they should scrap the old tire or spend good money in an attempt to coax more miles from it. Innumerable tires are constantly being discarded before their usefulness is over.

"Before discarding an old tire," says J. K. Hough, tire sales manager, Good-year Tire & Rubber Company of California, "it is well to show it to a competent repairman. He will be able to determine whether the expenditure involved will result in the additional mileage expected.

"The repairmen are not taking the long chances they once did. The dependable vulcanizer today recommends only such work as he believes will effect a saving to the motorist. If a repair is inadvisable he will not recommend it, for every job of that kind means a dissatisfied customer. "There are a number of ways in which tires apparently worn out can be made to render much greater mileage. If the tread of a tire is worn down, but the tire otherwise in fair condition, several thousand miles of service may be secured by having it retreaded. Often a tire retinner cemented on the inside of the casing will restore or partially restore its original strength.

### New Durant Car Stands Up Well in Tests

OAKLAND, Cal., May 7.—The Durant car has been completed, several have been taken out for severe road tests through the Allegheny mountains and the company is rapidly going into production," announces L. Washington, controller Durant Motor Car company of California. "I have not only seen the car, but have ridden in it and it is my greatest regret that I am not authorized at the present time to make any announcement of the specifications. I can only say that it will surprise Durant's most intimate friends and the automobile world in general.

Noisy Starter. Noise in the starter is a sure sign of trouble. This condition may be induced by broken or badly worn teeth, a bent armature shaft, a loose armature bearing or teeth badly meshed.

### Franklin Body Plant Is Now in Operation

In order to augment its present supply of bodies the Franklin Automobile company of Syracuse has reopened its Elchmond avenue body plant, according to word received by the Braly Auto company, Franklin distributors. This plant, which occupies seven floors and has 65,000 square feet of floor space, has been closed since December 1. By June 1 production of bodies will reach there a day, or at the rate of 15 a month.

Employment will be given to 100 men at the body plant, which occupies two large buildings about a mile distant from the main factory, where 3000 persons are employed. Heavy demand for closed cars, particularly of the sedan type—which Franklin first introduced—is responsible for the reopening of the body plant.

### DORT MOTOR CAR OFFICIAL SAYS AUTO IS MEANS OF NORMALCY

That the automobile will be a big factor in putting business back to normal is the statement made by John D. Mansfield, general sales manager of the Dort Motor Car Company, Flint, Michigan.

"Very few people realize the tremendous impetus which motor car sales have given business in general," says Mr. Mansfield. "It started with the automobile shows. As in the past the shows this year were held during the forepart of the year, right when the business slump had hit its hardest. It would have been impossible to have picked a more logical time for the shows. New models and new cars were brought out and the feeling of optimism expressed by the manufacturers was gradually felt by prospects.

"Today there is no question in the mind of anyone but what the motor car is an economic force in our daily lives. The findings of the National Automobile Chamber of Commerce, which prove by exacting research that 50 per cent of all passenger cars are used more or less for business, shows graphically the standing of the motor car in the life of the American business man.

"In his notable address delivered recently, President Harding, speaking on the subject of good roads, says, 'The motor car has become an indispensable instrument in our political, social and industrial life.'

"The Dort Motor Car company has always enjoyed a conviction of this sound conclusion. I might say that the success of the Dort company has been based upon this fact. We have sold transportation knowing that the efficiency of men in all walks of life is greatly improved by the use of the motor car."

### HUGE DRUG RING AT VANCOUVER IS BROKEN UP

PORTLAND, May 6.—With the arrest of four young soldiers, none more than 20 years old, one woman and a drug addict, the military authorities Friday believed they had smashed a gigantic narcotic ring which has been operating for some time at the Vancouver barracks.

Warrants were issued for the apprehension of two other soldiers, deserters, who were believed to have been the ringleaders of the gang, and a nation-wide search has been instigated for the men.

The breaking up of the ring came as the result of the effort of the gang in smashing into the post hospital at the barracks and stealing narcotics with a retail value variously estimated at between \$20,000 and \$40,000.

The arrest of the six persons and the solving of the hospital robbery was brought about through the cooperation of the local federal revenue officers and department of justice agents, with the military authorities at Vancouver barracks.

Three of the soldiers, Austin E. Truman, Cleo C. Bain and Scotty Hardy, were placed in solitary confinement at Vancouver barracks. The fourth soldier, Joseph Boyl, was held incommunicado at the Multnomah county jail as was the woman in the case, Estella Clark. The authorities charged that the home of the Clark woman in Portland was used as the distributing center for the narcotics stolen by the soldiers.

### AUTO RACES JULY 4 AT TACOMA, WASH. WILL DRAW CROWD

TACOMA, Wash., May 7.—With the tenth annual motor races at Tacoma speedway scheduled for July 4, racing fans of the northwest are looking forward to the event with more than a passing interest since the race this year will serve to attract a big field of stars for a \$25,000 purse has been announced, and this large sum of money is proving a great temptation for the men who drive the fast racing creations.

The race at the Tacoma track on July 4 will be for 125 laps of the two-mile track, or a distance of 250 miles. This is the largest purse ever offered for a sporting event on the Pacific coast. Indications are that the entries will reach 20, with not less than 12 and a possible 15 men starting.

Entry blanks have already gone to drivers over the nation and the replies have been favorable to participation in the July 4 classic at the Tacoma track. The field to choose from this year includes Tommy Milton, Art Klein, Ralph Mulford, Joe Boyer, Roscoe Saries, Eddie Hearne, Tom Alley, Edward Miller, Howard Wilcox, Wilbur D'Alene, Bill Chandler, Joe Thomas, Jimmy Murphy, Goodson, Dalton and others well known for their work at the wheel.

From the race at Indianapolis on May 30 will come several of the well-known stars to be seen in action at Tacoma on the national holiday. W. C. Baldwin, president of the Tacoma Speedway association, will attend the big event at the Inlandia metropolis, and upon his return will have the complete entry list.

Tacoma speedway officials expect not less than 40,000 visitors for the July 4 race, and seating arrangements in a huge new grandstand, together with space for parking thousands of cars in the field offers race patrons many points of vantage where the great sporting event may be witnessed with comfort.

"There is no question but what we will have the pick of racing drivers this year as last," says W. C. Baldwin, the speedway's president. "The men like the northwest, realize that the Tacoma track is one of the fastest in the country, and in addition the big purse is a further incentive to try for championship honors on the national holiday.

"We are having many advance inquiries for reserved seats, which can always be taken as an indication that the crowds are coming. The race to be entered this year will represent the very newest creations built, with watch-like precision for the terrific grind on the nation's best tracks."

### U. S. LAND OFFICE ADOPTS DODGE CAR AS BEST FOR WORK

A long series of practical tests, in which cars of almost every make and description were used, brought the United States general land office face to face with facts that left room for only one decision. That decision was to standardize on Dodge Brothers motor cars. The land office already has 34 Dodge Brothers cars in operation, having begun this standardization a number of months ago. Seven of the 34 are business cars and the others are special jobs used for heavier hauling. In the future, however, to quote from a letter written by Frank M. Johnson, supervisor of surveys, "the tendency will be toward the purchase of the light capacity (one-half-ton) business car."

Mr. Johnson relates an interesting story of the transportation problems encountered by the land office. He is head of the field work for the Land Office, which is a division of the department of interior, and his territory covers the entire United States. There are 13 branch offices, most of them in the west, as the chief duty of the office is the surveying of public lands. Today most of this work takes the surveyors into the roughest and most sparsely settled sections, principally deserts and mountains. Originally they used wagons and four-mule teams but these have become incapacitated they were supplanted by motor equipment. And as the present motor equipment ceases to give satisfactory service, it is being supplanted by Dodge Brothers cars. As the work progresses the territories visited by the surveyors becomes rougher and it is necessary to abandon the heavy equipment in favor of light but powerful and thoroughly reliable cars.

### W. C. T. U. NEWS

The W. C. T. U. will have a cooked food sale for the benefit of the Women's rest room in this city Saturday, May 14. The Portland Railway Light & Power company has kindly donated the use of the restaurant for the sale, at Seventh and Main streets.

The committee in charge of the sale is composed of Mrs. A. Rietzel, Mrs. A. M. Seaton, Mrs. A. B. Hatcock, and Mrs. Webb.

The members of the W. C. T. U. are to donate quantities for the sale. With the establishment of the rest room in Oregon City has come a great convenience to the visitors to this city and to others. The room is costily finished and is conveniently located in the heart of the city in the store room at the rear of the Jones Drug company's store. Each member of the W. C. T. U. donates her time for one day of each month, and a record of every visitor is kept in a book. If any desire to purchase a cup of tea with lunch brought to the room, a charge of five cents is made by the W. C. T. U., which is furnished by the hostess of the day. Tables have been provided where the lunch may be enjoyed.

Saturday, May 7 there were 94 visitors at the rest room. Mrs. Elizabeth Glover was the hostess of the day. During the past seven days, not counting Tuesday, of this week, there were 452 visitors. Two of these days were Saturdays, there being 94 and 96 on those days, there being 94 and 93 on those days.

Other days registered 52, 38, 68, 53, and 53. Among the hostesses for those days were Mrs. G. R. Braker, Mrs. Babcock, Mrs. Robinson, Mrs. W. E. Good, Mrs. Linton, Mrs. Lola Van Auker, Mrs. Sarah Parker.

A number of rocking chairs have been recently presented to the rest room by unknown parties, and which are greatly appreciated by the women having charge of the room.

### BOOKS RECEIVED

A large number of books were received in the office of County School Superintendent Brenton Vedder for children in the Oregon Tubercular hospital. The book shower was under the auspices of the Public Health association, and as the children of the tubercular institution are not allowed the privilege of using books from the libraries it was necessary to start the shower, which has been successfully carried on.

### WORLD'S FASTEST GROWING VEGETABLE; NEW CUCUMBER READY FOR TABLE IN THREE TO FIVE DAYS FROM BLOSSOM

A wonderful cucumber, probably only exceeded in rapid growth by certain edible bamboos and palms and which grows from the blossom to an edible stage with amazing rapidity, has been produced by Fred A. Howard, the famous scientist of South Easton, Mass.

When grown under proper conditions of soil and cultivation it requires but three or five days from the dropping of the blossom to the table according to the climate in which the cucumbers are grown.

To Distribute Seeds Later. When grown under these conditions, the day the blossoms drop from the vine, the tiny cucumbers appear, and on that first day frequently reach an inch in length. On the second day, they are found to be greatly increased in size. On the third to fifth day they are of a size suitable for table use, and are then at their best, although they have not then attained full size.

The texture of the flesh of the cucumber is described as infinitely more delicate and crisp than that of any other cucumber. This is due to its strikingly rapid growth. The fibers have no time to develop as in the case of slow growing cucumbers. The aroma and flavor are also exquisitely delicate.

Mr. Howard plans to arrange for the free distribution of the seed later on.

Named for Hon. Joseph C. Sibley. "Mr. Howard's desires are that the public shall have the advantage of this wonderful new vegetable without charge," said an associate of Mr. Howard's, "and that anyone who desires may have the opportunity of cultivating it in his or her back yard, garden, or farm. But he has not the facilities to grow the new vegetable in great quantity, and even if he had, his work is so fully occupied with his very valuable laboratory work, that it would be impossible for him to do so. So he has arranged that Joseph C. Sibley, former Congressman from Pennsylvania, shall propagate the plant at his experimental farm at Franklin, Venango County, Pa., where Mr. Sibley maintains one of the most elaborate and valuable private experimental farms in the United States. This experimental farm is operated solely to advise and demonstrate for the benefit of other farmers and breeders, and greatly improved methods of breeding, of plant growth and soil cultivation. Because Mr. Sibley unselfishly offers great benefit to all interested in agricultural eco-



Marvelous cucumber ready for table in three to five days from blossom (Much less than actual size)

nomics, Mr. Howard has named the new cucumber the "Joseph C. Sibley." Years of Selective Breeding. Mr. Howard has produced the new cucumber after several years of intricate selective breeding. The initial variety was a cucumber grown in northern Russia where the summers are very short, and where a fruit or vegetable, to endure and to mature, must perfect itself with great rapidity. Working with this now obsolete variety as a parent plant Mr. Howard has produced the new variety which differs greatly in shape and quality from its Russian ancestor. The new cucumber, when full size, is about the size of a drinking glass but with the ends slightly rounded. Fred A. Howard is widely known as a chemist and physicist. His great work in leather rectification is the sensation of the scientific world.

### MASH AND STILL FOUND BY SHERIFF NEAR MILWAUKEE

Sheriff Wilson and State Agent S. R. Sanderfer got on to a moonshiner still yesterday and followed the scent all night and located a large still this afternoon near Milwaukee. With it they found 500 gallons of mash ready to boil but no liquor. Joe Alms, owner of the still, was arrested and brought before Judge Perry, of Milwaukee, where he pleaded guilty and was fined \$250 and costs, which he paid, and was released.

### COURT ALLOWS \$10,000 ON TWO MARKET ROADS

Two market roads were established by the county court yesterday, after a busy all-day session with delegations from over the county on road propositions. One market road, carrying an appropriation of \$5000 is that from Carver to Barton. This stretch of road is in bad shape at present, and in several places the bluff along the route has slid over the road, blocking it in several places. Judge Cross says that the road is one of the main arteries of the Carver section and that 20 per cent of the Estacada travel comes over the route, when passable.

The other market road carrying an appropriation of \$5000 is the stretch starting opposite Butteville and ending at Willamette river about 7 miles via Willamette and Stafford. This will connect with a proposed road to be built by Yamhill county and make a short cut from this city to the Tillamook coast highway. At present travelers are compelled to go to Portland and then back to hit the highway.

A large delegation from the Springfield section met with the court yesterday and asked for an appropriation of the bond money to build "penetration method" pavement from Bakers Bridge to Wilsonville, a stretch of 14 miles. The delegation contended that the road could be paved for the stated \$11,000 per mile, as incorporated under the bond issue, and that very little preliminary work would have to be done on the route. The Monitor section secured some of the bond money for penetration method pavement and the Springfield section asked for the same opportunity. The 14 miles will cost about \$154,000. The court after discussing the matter with delegation nearly all afternoon, handed down the following decision:

That a meeting be held in Viola Springfield, Logan and other sections affected by the road, and if an unanimous vote was secured on the proposition, the money would be forthcoming from the bond issue to pave the route. The Springfield taxpayers left with that understanding, and from all indications, they will shortly return with an unanimous vote and secure the pavement for the route.

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### CONSTRUCTION BIDS FOR THE CANBY AURORA GAP ASKED

There are indications that the purchase of a long suffering and swearing public in to be rewarded by the improvement of the Pacific highway between Canby and Aurora.

Motorists who have for the last two or three years bumped, bounced, thumped and waddled through the ruts, chuckholes and seas of mud on their way between the capital and metropolis of Oregon are pleased to learn that the state highway commission has called for proposals to pave this stretch of road. Bids for the same will be opened at the next meeting of the commission, May 26.

In the event an acceptable bid is obtained, the highway department announces that an earnest effort will be made to push paving operations to the earliest possible completion. While paving work is in progress it is also promised that the old roadbed will be used as a detour and will be kept in good condition. Barring unexpected developments, the Canby-Aurora road will by next September have been buried with other unpleasant memories.

There has been a great deal of criticism over the non-improvement of this section of highway. Some of the criticism has been rightly based in so far as it has pertained to the maintenance of the old road, but in making the new grade, there have been certain physical obstacles to overcome before a permanent roadbed could be established.

In order to eliminate two railroad crossings at Canby the state highway department relocated the highway between Canby and the Molalla river. This relocation encroached on a railroad property and involved a long and dilatory negotiation between Clackamas county and the Southern Pacific. A new bridge had to be built across the Molalla river. This was allowed to drag also. From Barlow to Aurora the distance was shortened materially by constructing a new grade across soft, boggy ground. Before this grade could be paved time had to be given for the grade to settle and become stable.

Meanwhile, the old road has not been kept up while the "buck has been passed" between the state highway commission and Clackamas county.

### GAS RATES TO BE CUT; CHEAPER OIL IS CAUSE

SALEM, Or., May 6.—Another reduction in the price of gas is in sight for patrons of the Portland Gas & Coke company.

Users in Portland, Oregon City, Oswego, Gresham, Hillsboro and Forest Grove will benefit by the order. This reduction, the second to be ordered by the public service commission in the last six weeks, will, as was the case of March 23, be based on another reduction in the price of crude oil. This reduction will amount to 20 cents a barrel on the price of oil delivered at the plant of the gas company at Linnton. While the commission will not forecast the effect of the proposed reduction, it is stated that the reductions will aggregate approximately \$125,000 in the annual income of the gas company. The order providing for the reduction will be forthcoming at an early date.

In a letter to the Portland Gas & Coke company Friday morning, the commission says: "The commission is in receipt of notification to the effect that the Standard Oil company has by reason of reductions in transportation costs arranged to make deliveries of crude oil to your tanks at the gas company plant near Linnton at the price of \$2.35, a reduction of 20 cents per barrel.

"The commission appreciates that your oil supply must be purchased in tanker load lots and that you must maintain a sufficient reserve of crude oil to avoid a shutdown of the plant due to contingencies of delivery, and Chairman Fred A. Williams will be in Portland Friday morning, May 6, to supervise in connection with our expert the measurement of the volume on hand and which has been purchased at the old price of \$2.55 per barrel that we may ascertain the date on which such reductions in gas rates are ordered by this commission may equitably become effective."

"The original order in the matter of the application of the Portland Gas & Coke company for authority to increase rates had in consideration the possible future lowering of oil costs and therefore, in connection with our expert in the records, we reserved the right, upon 10 days' notice to the utility and others, to make such modification and revision in the rates as might be proper in the premises. Reductions prescribed in our order No. 696, issued the 29th day of March, were in conformity with this stipulation and this is to advise that we expect to again reduce the price of gas to consumers in such amount as will conform to the lowered cost of crude oil.

"An order embodying such provisions will be forthcoming at an early date."

### Jury Disagrees Over Verdict In Fish Case Friday

A jury in the justice court yesterday afternoon was dismissed after it had disagreed over a verdict in the case of Everett Richardson, accused of fishing in the Willamette river here with a net set out of season. Wardens Brown and Stuart arrested Richardson a few days ago. The jury was composed of H. W. Cooke, A. E. Estes, F. B. Shoenborn, G. Hollowell, C. P. Baker and J. W. Moffitt.

### "You may be Sure" says the Good Judge



That you are getting full value for your money when you use this class of tobacco. The good, rich, real tobacco taste lasts so long, you don't need a fresh chew nearly as often—nor do you need so big a chew as you did with the ordinary kind. Any man who has used the Real Tobacco Chew will tell you that.

Put up in two styles W-B CUT is a long fine-cut tobacco RIGHT CUT is a short-cut tobacco

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