Turning Corners.

Prevent Accidents.

and then a mass of twisted steel and

splintered wood heaped against the

The novice feels helpless at first

and is more apt to lose his head than

the old-timer. Still there is an ele-

ment of danger attached to skidding

that is not absent when even the most

If you are forced to drive on a slip-

pery pavement regulate your speed so that you can stop without jamming

suddenly accelerated the wheels may not secure proper grip on the road and

car may at times bounce so that the

In City and Country.

ing the steel rails of the street car

lines. The tracks generally project above the general level, or sometimes

are depressed below, in either case

To avoid sideslip you may take cer-

The reason for the seemingly un-

to that if the steering wheel is im-

tate in the opposite direction to the

In figure 2 the front wheels are seem-

ingly directed toward the objective point of the skid, but here you will

quickly see that the front and back

of the car tend to swing in opposite

directions around the center of gravity. The result is a neutralizing ef-

fect and a consequent correction of

should drive as much on the crown,

or center, of the road as considera-

the inside of the corner, the trans-verse inclination of the road may help

to get the car around, but you may

meet some one and a quick turn will make you do exactly what you have

In taking corners it is a good plan

to de-clutch and also to abstain from

putting on the brakes; the chances of getting around safely are much in-creased if the car simply rolls around

Car lines should be crossed at a

nearly a right angle as possible. If

you are running along a crowded road laid with car lines and wish to get

onto, or off, the track, the steering should be as gradual as possible, so that if the wheels refuse to take the ridges the disturbing effect will be very small.

Prevention here, however, is as

usual better than the curve, and it is

well to adopt some form of non-skid-ding device. Nearly all of these devices consist of some apparatus fitted to the tires and designed to cut

through the mud and so obtain a hold

on the firm surface below. Chains are the most common non-skidding

devices, and, lacking other devices,

Road Fund to Benefit.

With the object in view to furnish

never be without a set.

In turning corners always go slowly and keep to the right. If you keep on

tion for other traffic will allow.

attempted to avoid.

Eow to Take Corners.

the skid results.

pressure upon the vehicle.

# PORTLAND MAY SEND A BIG DELEGATION TO **2 SAN FRANCISCO SHOW**

Movement Is On Foot to Have 21 Rose City Well Represented at Exposition.

## EDUCATIONAL VALUE BIG

Junket Would Boost Oregon Spirit in South and Give Opportunity to

Portland automobile dealers will see he biggest automobile show ever held in the west, if the plans of C. M. Menes, sales manager of the Northwest Auto Company, are carried out. Mr. Menzies is trying to interest

everyone in the trade in going by special car or boat to the San Francisco outomobile show, which takes place in February. This is to be the biggest thing in Motoria ever staged outside of the shows of New York and Chicago and, like everything that San Francisco does in the way of shows, it promises much,

Many Features Are Promised. The exposition auditorium in the bay city will be the scene of the show and many features of the world's greatest exposition will be reproduced for the sate men.

With every dealer of the city back-ing the show and the factories prom-teing to send their complete exhibits ig to send their complete exhibits from the eastern shows, there is no reason why this event in the south cannot be as great or greater than the two of the big circles—greater be-"Many of the local men do not care

to go back east nor spend the neceswant to be thoroughly posted and con-That's why I think the dealers should so to San Francisco in a body," said Mr. Menzies.

Should Inspect Highway System. "It also would be something for Oregon and Portland and would bolster up the southern idea of Portland Pep. I would also propose that the Oregon elegation spend some time in looking over the California highway system for emulation here. The journey would be a tour of real education and if we can get enough of the automobile mcn, who, from the very nature of their husiness, are the livest merchants in the town, the excursion should make lasting impression on the folk down there and also on the local dealer.
If the speedy steamers to Callion nia can be properly dated, the dele-gation most likely will go on board the boats: If not, a special car will carry them. I have mentioned this to a very few, but all are enthusiastic and I am sure that our crowd will get away in fine shape.'

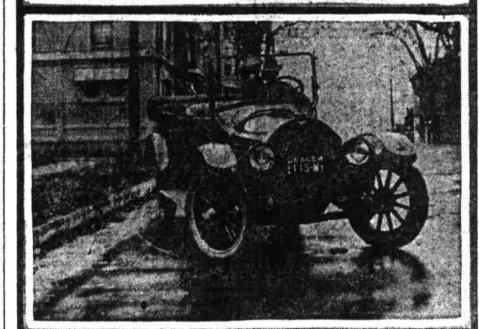
Maxwell Challenges All Under \$1000 Detroit, Mich., Nov. 11 .- The Maxwell Motor company has issued an open challenge to all companies making automobiles to sell for \$1000 or less to

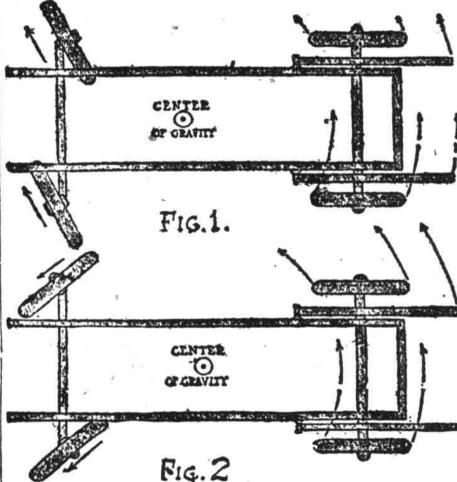
compete in speed or economy contest The challenge states that the tests are to be conducted by newspaper men or other disinterested parties, and that the tests for speed and economy are to ofties in Michigan. Results of the ntests are to be made public through newspapers. The only provisions ecified are that the car must be a specified are that the car must be stock machine selling for \$1000 or less and that the maker or his authorized

Censorship Rigidly Applied. San Francisco Nov. 11 .- (U. P.)merican shippers have been warned by the United States consul in Egypt that newspapers used to pack goods will be subject to censorship before the goods will be admitted to British

# DANGERS OF WET STREETS







aleigh Peterson, sales manager of the Overland Pacific, shows how to control car on wet streets. Above-Here he is stopping a slide of his Overland by turning the wheels in the direction of the skid. Below-How not to do it. Diagrams-Figure one, the right way. Front wheels toward the skid. Figure two, the wrong way.

SKIDDING DANGER IS FIRESTONE'S NEW MANAGER IS HERE CONSIDERED AND THE



Leland J. Sparks.

experienced driver is at the wheel. The slipping or skidding itself is not Leland J. Sparks, formerly star of the Firestone Tire & Rubber Co., as much of it is paved now dangerous, but if the car strikes anything in its path there is every possiarrived yesterday to take up his new bility in the world that serious damduties as Portland branch manager for

the same company. Before he left San Francisco a banquet was tendered to him, and he was made the recipient of a handsome gold on the brakes. Be careful in the use watch, the gift of some of the many of the accelerator. If the engine is friends he had made while with the Firestone company in San Francisco. not secure proper grip on the road and "Lee" Sparks, whose popularity in slip around instead of rolling forward. San Francisco is unquestioned, is still When driving over a rough road the better known in Nevada, of which wheels are actually out of contact many years. The rising town of state his father was governor for with the road surface. Under these Sparks was named after him, and conditions the slightest disturbing today "Lee" is just as much a favorite force may cause the car to deflect in his home state as was his famous from its course and sideslip. parent

E. S. Firestone, who gave the ban-On the country roads there is as quet, spoke in glowing terms of the much chance of a dangerous skid as many noteworthy achievements aton the city's pavements. When the tained by Mr. Sparks in recent years road is hard and dry the friction be- and laid stress on the fact that when tween the tires and the road surface the Portland managership became vais sufficient to prevent skidding, but cant all eyes seemed to turn naturally when a hard surface is covered with in the direction of Mr. Sparks. "This a thin layer of mud the car cannot only goes to show," continued Mr obtain a firm enough grip on the road Firestone, "that true worth will assert and may begin to slide at any mo- itself, and even if we think our efforts ment. A very dusty or sandy road go unheeded, perhaps for years, as was will have the same effect. Another and very dangerous cause will come eventually, and our friend, of sideslip is found when encounter- Mr. Sparks, will tell you that it feels 'awful good' when it does come."

### FADS AND FANCIES

forming ridges which tend to prevent the car traveling at an angle thereto. Attractive suits for touring are The disturbing effect is greatest when made of suede cloth. The material is soft and pliable as a glove, light and very warm. One suit made of leaf Probably the fact that cars are driven from the back and steered by green suede cloth is particularly at the front contributes to their tentractive on account of its moleskin dency to slip, as the rear part has a trimming. The skirt is of medium disposition to push around the front, on one side or the other. Of course, fullness, with a four-inch band of the fur around the bottom. The coat is a the greatest tendency to sideslip ocfull ragian type, with a monk's collar and deep cuffs of the fur. Fur butcurs when the car is being driven around a corner, as the centrifugal tons finish the front of the coat and will be several weeks in consultation force then exerts very great lateral are also used for the girdle, which with the home officials. confines the crepe shirt waist of the terial. The hat worn with the suit holds the turned-up brim at the right side, while a gray fancy is caught with a fur button at the left. When a slippery stretch is encountered proceed slowly, especially in making turns. If the car begins to

Bronze velour de laine is used in slip keep your wits about you and he road, and as soon as this result s attained you may begin carefully o steer again in the direction you military ornaments fasten the coat latter is assured of better attention across the front and fur cuffs finish to his car and of value received in renatural instruction to steer the way the sleeves. Seal fur is used, you are sliding is this: The car

Woolly ratine is a material popular skids when a certain momentum ex-erts itself, tending to turn the car for traveling garments for small travabout its center of gravity; when the elers. It is used for the coat, cap forces surrounding the center of and muff, all of which are lined with gravity are balanced the skid is over, rosebud taffeta. The cap and muff have pompom ornaments made of the cloth and white silk cord. Cord frogs mediately turned so that the front cloth and white silk cord. Cord frogs wheels are headed in the direction of the skid the slide will cease because satin ribbon ruche and ties finish the

of the creation of a tendency to ro- cap. French sailors of hatters' plush are among the smart new autumn hats. They are simply trimmed with wide Referring to the diagram, you will bands of silk braid which knot close see how simple the correction of a st the crown and then form flat bows skid is made. In figure 1 is shown the driver's first tendency, which is to steer away from the direction you are the shaded veils are worn in bright skidding. Here a skid is a certainty. | coloring.

Fleece-lined white sweaters bob up each season for extra use and are always welcome. This year they are prettier than ever owing to the turnback trimming for collar, cuffs and banding, showing the neece side. They are buttoned down the front with

As transverse curve of the road sur-face helps to promote side slips, you the Australian blanket coat. It is very light and soft and the colors and designs are fascinating. The coat is of three-quarter length and has a girdle belt and a high convertible

## Yellowstone Route Praised as Shortest

Much Progress Made on Morthern Road Declares Charles Thatcher, Engineer of the Washington Mighway.

Reports from Colonel Charles W. Thatcher, engineer of the Washington highway, indicate that much progress has been made on this northern route to the Yellowstone, in the last year. In a letter to Portland friends, he writes:

"Much has been done to put the Washington highway on the map in heavy black. Signs have been posted throughout Yellowstone park over the best and shortest route. About \$500,-000 has been appropriated in Wyoming for use on the Washington highway. Grading will continue as long as the weather will permit. I traveled back to the Oregon line this summer, and everywhere the road is being backed and boosted. Even in the Black Hills, enthusiasm for the road is developing on constructive ideas. One delegation traveled 100 miles to stage a highway

booster meeting. "Large congresses are being ar-ranged in the Black Hills next summoney for the development of a permanently improved foad system in Michigan, the Wolverine Automobile club has taken steps whereby it is hoped that the money now turned colonel Thatcher is still very busy

into county library funds from fines arranging barbecues and meetings, at for violations of the state motor vehicle law can be diverted to the road on modern principles, broad and easy, fund, either of the county or the state, are being pointed out. Everywhere he preferably to the county in which the is being received enthusiastically, and fine is assessed.

# CALIFORNIA HIGHWAY BILL MEANS THERE WILL BE GOOD ROADS

People Will Spend Fifteen Million Dollars to Improve Public Thoroughfares.

OVERLAND ROUTE SOUTH

"What the passing of the new Calfornia road bill means is something that can hardly be estimated," said T. Toner, head of the Maxwell Motor Sales Company on the Pacific coast state had passed the \$15,000,000 road traversing this distance. will. Mr. Toner was here during the week to discuss the field with W. J. aCasse, northwest manager.

"That bill means that very shortly cads across California in every direction will be hard surfaced, making it the greatest tourist paradise in the world. The Pacific highway right up to the Oregon line probably will be salesman of the San Francisco branch one of the first to receive attention,

> Worked Hard for Boad Bill. "We worked hard for the road bill but I am sure that as an investment it will bring immediate returns. The sum of money is enough to complete practically every mile of state highway which, as at present outlined, makes a network covering every im-

> portant center. "Of course it will stimulate the automobile business, particularly in the outlying districts, for it will make the motor car the universal means of transportation. With the paved highway to the Oregon line and better roads in Oregon, which are bound to come, it will be only a few hours by auto to San Francisco. From the line, down, is about 425 miles. Keeping inside all speed limits, the time would

be only 16 hours. "Autoing between the two cities in less than two days certainly would be wonderful. It is bound to come."

Business Is Increasing. Mr. Toner is preparing for a still greater season for the Maxwell, which has made new records in the popular priced field. According to Mr. Tener, allotments everywhere are being inoreased through the constant demand. Hendling a business of that magni-

tude is a tremendous problem and how best to satisfy all dealers is the hard-Mr. Toner is enthusiastic over the new plan of the Maxwell, which will help the retailer through his hardest part of the year. This will do much to expedite deliveries in the seasons when the demand is greatest and will give him an advantage over the man who is not se backed by the factory.

This plan, as applied to Oregon and

northwest territory, was one of the

reasons for his trip. Northwest Manager LaCasse left yesterday for the factory, where he

Garage Men Elect .- The Portland Garage Men's Association at its monthly meeting elected new officers one of the smartest coats of the sea- who were as follows: R. D. O'Brien, begin to steer in the direction of the son. It is made with the full skirt president; R. E. Boggeas, first vice slip. This may be exactly contrary gathered into a semi-fitted waist; a president; R. L. Short, second vice to your inclination, but it will tend wide fur girdle edged on either side president; B. C. Undine, secretary, and to restore the grip of the wheels on with silk cord trimming finishes the Fred Dundee, treasurer. The association of the president is the president of the presiden waist. A square, inset yoke of the tion has done much in the past year fur, with a military collar, is orna- for betterment of the affiliated memmented with the cord trimming. Two bers and also for the car owner. The

pair work, as the association has done much to regulate prices and eliminate the man who discredited the business. O'Brien to Salt Lake. Cliff O'Brien, office manager of the Maxwell Sales Corporation, has quit the shores of Oregon and is now in Salt Lake handling that office for the Maxwell cor-poration. This is part of the territory

Studebaker Raises,-As predicted by ice President L. J. Ollier of the Studebaker when he recently visited here, the price of the cars is going up. The surprised to learn that the authorilocal dealers, the Oregon Motor Car ties there propose to adopt concrete
Company have received word to that as a road building material.

effect, the raise amounting to \$75 or The American consul general at

Mold Watch on Car.

A simple method for finding the adopt some of these methods. speed of motor cars passing your home The New Zealand authorities estis described by the Popular Science mate that a mile of 12 foot concrete Monthly. You measure off 122 feet on road could be built for \$2000 more the street, marking each end with than a mile of 12 foot ordinary stone slacked lime. With a little practice it road, and that there would be a savwill be possible to note on the dial ing in upkeep of at least \$1200 a mile when he read that the people of his of a watch the exact time taken in in the first five years, while at the

The following table shows the

. 1	THE TOTTOWING CO.	OTA BUOMB TIME THICS
1	of speed:	
	Miles per hour,	Miles per hour.
	1 second96	9 seconda10
٠	1% seconds 60	10 peconds9
3	2 seconds45	
,	21/2 seconds36	
,	2 seconds30	14 seconds7
	3 % seconds 26	15 seconds 6
2	4 seconds22	18 seconds6
	4 1/2 seconds 20	20 seconds 4 1/2
	5 seconds18	22 seconds4
	5 % seconds 16	25 seconds 3 1/4
	6 seconds15	30 seconds3
	7 seconds13	45 seconds2
	R seconds 11	

speed of an automobile to be 15 miles months angling for him to get the an hour; a horse trotting, seven miles; astute Mr. Coey to bite. The motor a man walking, three miles; a woman man summoned the "inventor" to walking, two miles an hour.

## Water and Oatmeal Gasoline Explodes

Chicago "Easy Marks" Run Against Unique Swindle When Taey Investigate "Valuable Patent," Chicago, Nov. 11 .- "There's one

orn every minute." Charles A, Coey is back at his motor company's office, 2010 South The 60,000-g Wabash avenue, bitterly admitting tomato can.

New Zealand Makes Study of Highways

Boad Experts in Par Off Country Mave Decided to Adopt Concrete as Buildof W. J. LaCasse, the northwest maning Material.

Road commissioners in this country, who would not like to admit that they are less up to date than those of New Zealand, probably will be

The American consul general at Auckland reports to the state de-partment that the local and national How to Tell Speed authorities in New Zealand are studying the subject of good roads, realizing that these are essential to development of the remote parts of the Jominion. Upkeep of the stone roads dominion. Upkeep of the stone roads Measure Off 132 Feet on Street, Mark- construction of concrete roads, as ing Ends With Slackened Lime; Then carried on in some parts of the United States, is being studied carefully, with the result that it is proposed to

end of ten years there would be a saving of \$7000 or \$8000.

A good grade of cement is being manufactured in New Zealand that is and as there are no severe frosts in the country it is proposed to make the roads four inches thick, as in Cali-

why Mr. Coey is not going to get rich mixing water and catment to produce gasoline

Such a mixture was announced per fected by Harrison G. Shoupe of San-A series of tests showed the average dusky, O., last spring. It took six Chicago last week. Contracts were signed whereby Cocy and Henry Boesch, wall paper manufacturer, were to purchase Shoupe's patent for \$10,-000 and allow him \$500 a month for the rest of his life. It looked pretty soft for Mr. Shoupe. But-

Coey and Bosch went to Sandusky to examine Shoupe's plant. They found a barn from the floor of which two rusty iron pipes grose. These, said the inventor, connected with a 60,000 gallon tank of his water and catmeal gasoline. While Shoupe wasn't looking Coey pulled up one of the pipes. The 60,000-gallon tank proved to be m

Barnum was right. Thus is explained! The deal was called off.

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0.200 /8	32x4 8.95 S.
31x4 13.95 14.90	33x4 8.40 4.
	34x4 3,50 4,
3124	35x4 3.60 4/
35x4 15.75 17.10	36x4 3.70 ,4.
36x4 16.10 17.55	34x414 4,30 S.
34x414 18,95 20.40	35x414 4.38 6.
35x41/2 19.60 22.15	
36x41/2 20.10 22.45	36x41/4 4.48 5.
37#414 20.65 23.15	37×414 4.55 5.
35x5 \$3.15 24.95	35x5 5.25 6.
36x0 23,50 25,20	2625 5,30 6.
37x5 23.65 25.60	37±5 5.50 6,

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28z3					9 7.85	8 7.85
30x3					7.90	8,30
30x314					10.25	10.75
32x31/2					11.80	12.40
34x314					13.35	14.00
31x4					15,45	16,30
Anna A					35.70	16.65
33x4		è			16,45	17,30
34x4					16.85	17,85
35x4					17.35	18.95
36x4					17.65	18,53
34x416					22.30	23.45
352414				G	23.25	24.35
36m4%					23.50	84.65
37×436						85,40
35×8	,				26.40	27.75
30x5					26.85	28,15
37x5					27,70	29.10
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Turning away from the skid.