

OREGON CAVES NOW OPEN TO MOTORISTS

New Highway Is Carrying Large Number Daily.

HISTORY OF CAVE TOLD

Plans Under Way to Install Electric System to Light "Marble Halls of Oregon."

(Continued From First Page.)

begin the 7 per cent grade climb over the new Pacific-Crescent City highway, which is a model highway finished to the summit of Hayes hill. The summit brings to view the vast extended region of the Illinois river valley, a flat country rich in water, timber, mines and farms.

"Selma is the first village after descending into the valley; eight miles from Hayes Creek. Beyond eight miles on the highway is the thriving town of Kerby, of a few hundred population. In the rainy days of the early '90s Kerbyville, as the mining metropolis of that region, was populated by thousands. In a decade during those rich mining days Illinois river valley produced \$20,000,000 in virgin gold from its placer diggings. At Kerby we are 22 miles from Oregon caves, over the new highway.

"Several miles beyond Kerby we leave the Grants Pass-Crescent City highway, striking across a level country to Holland, a distance of 16 miles. The traffic to the caves, until the completion of the new highway by the state and county joining the Siskiyou forest and the Pacific-Crescent City road, is detoured via Holland. The new highway will shorten this route to the caves about six miles and join the Kerby-Holland highway about four miles out from Kerby. From Holland to the caves it is 16 miles.

Lower Camp Established.
"Some nine miles out on this new road we reached the lower camp grounds, recently established for the benefit of motorists. This brings us fairly into the Siskiyou, with heavy timber shutting out the view of the steep mountains which we know are towering on both sides. As we leisurely make the ascent over the new road we pass many points of interest—the two loops, the big cut and the bridge across Panther creek and other scenic places on the mountain. The most picturesque view on this highway on the mountainside is that looking up the gorge from the bridge across Panther creek, showing the twisting blinding waters and foliage, while from the same view we have a miniature Bridal Veil falls a few feet from the highway. The blinding water ice cold is the rule along the entire grade, while natural drinking fountains are many along the route—pure cold water trickling from the newly made rock cuts. This modern highway is 16 feet wide in the clear and not a danger spot the entire distance.

"There are two entrances to the cave, one almost at the bed of the gorge and the other about 300 feet higher. The lower entrance is the larger and is the outlet of a sparkling ice-cold stream of water twice the size of your body, which, coming from the internal darkness, leaps and plunges down the rugged gorge. The lower of the caverns is from 10 to 15 wide and 15 feet high. There are few decorations at the entrance, but rugged grandeur causes the visitor to gasp.

Names Are Picturesque.
"Picturesque, fantastic, sometimes significant names have become attached to objects within these caves. We entered the cave and soon crossed the River Styx and moved cautiously past Old Satan's Cauldron. Further on Cathedral Chimes and its harmonious tones prepared us for a passing view into some more of the devil works—the Bottomless Pit. With a solemn brow we passed Adam's Tomb and gazed into Jacob's Well, near where in prayerful posture the kneeling Camel. In Old Nick's Bedchamber we saw yet another of his Satanic Majesty's exquisite apartments, and then, passing the Coral Gardens, we approached Queen Josephine's place of abode. Further on we get a distant glimpse of the Bacon Room, and through the Wiggle Hole came to Elijah's Statue. Beyond that Man's Grief we skirted the Graveyard, and then, bewildered, we were ushered into Joaquin Miller's Chapel, then the Ghost Room, 60 feet wide by 40 high, perhaps a hundred feet in length. It is the largest chamber yet opened up.

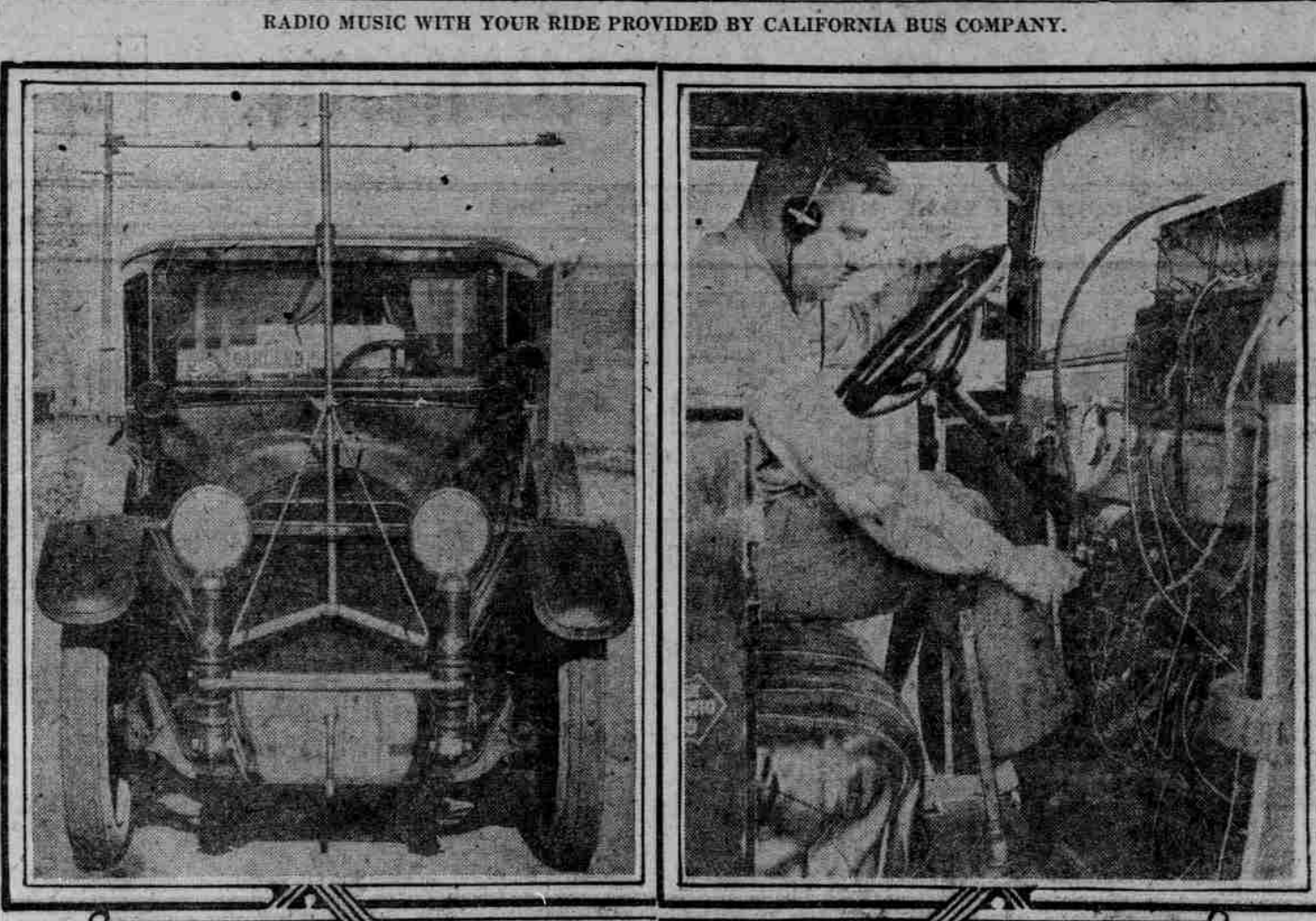
FRASP IN OLD LOCATION
"To fully describe the Marble Halls of Oregon adequately is not possible with the pen. The thrill which these cavernous surroundings impart can only be understood by the person actually visiting these marble halls."

SHIPMENT OF NEW MOON CARS TO BE HERE UNLOADED TOMORROW.
Back in its old location at the corner of Eleventh and Couch streets, the Frasp Motor Car company last week opened for active business as dealer and distributor of the Moon car. The company secured a lease on the structure at the corner of Eleventh and Couch streets which it had occupied for six months or more as Lincoln distributor for this territory. Prior to moving in, the building was renovated and redecorated, bringing it up to date in every way as an automobile sales and service building.

A complete line of the new Moon cars is on the way to Portland, it was announced by F. W. Frasp, head of the company. One carload will arrive in the city tomorrow, according to word which has been received, and will be immediately unloaded, the automobiles being put in condition and taken to the company's showroom. A second carload is on the way and additional orders have been filed with the factory. In the first freight car to be received here will be touring models only, but in later orders will be the seven-passenger open model, the sedan and other attractive body styles put out by the company.

The company has distributor for the Moon car for Oregon and the Columbia border counties in Washington, and has already begun an active campaign to line up dealers throughout this territory.

Automobile Show Dates Set.
Dates for the two national automobile shows have been decided upon by the national automobile chamber of commerce as follows: New York, January 6-12, at Grand Central Palace; Chicago, January 27-February 3 at the Coliseum and the first regiment armory.



EXTERIOR OF RADIO-EQUIPPED WHITE BUS AND VIEW OF DRIVER'S SEAT, SHOWING INSTRUMENT BOARD ON DASH OF CAR.

Bus lines in California have begun serving music with your rides, via radio, as witness the above photograph, and the plan if it proves practical may soon be common throughout the country. Tests were started recently by the California Transit company of Oakland on several of its busses, and if the tests are successful enough it is stated that all of the 45 Whites in operation by the company will be equipped. The installation, as is shown, is made on the instrument board of the car, so arranged that the driver can "tune in" without leaving the wheel. The antenna at the front of the car is supported on uprights securely braced to staid the vibration to which it will be subjected while the car is in motion.

TOURISTS USING BUREAU

STATE AGENCY IS EXTENDING AID TO THOUSANDS.

Activities of Oregon Tourist and Information Bureau Told by Manager Vincent.

Thousands of tourists are availing themselves of the free tourist information service of the Oregon tourist and information bureau this summer, according to a summary of the bureau's activities given out this week by Sydney B. Vincent, manager. In addition to its main office in the Oregon building in this city, the bureau now maintains five branches, one each at Medford, Bend, Klamath Falls, Pendleton and Ontario.

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Highway Trees Menaced
Steps Taken to Preserve Beauty of New Ocean Beach Highway.

SOUTH BEND, July 29.—A warning to members of the South Bend Commercial club that if the scenic beauty of the Ocean Beach highway is to be preserved steps must be taken immediately to save the big

trees along the route was issued this week by Mayor C. A. Conter.

A special meeting of the club was held to see what can be done in the future. There is a movement on foot in other sections of the state to have the state acquire a strip of land along either side of these highways as a preserve the trees and other objects of scenic interest that add to the attractiveness of the highways. People are beginning to realize that a road is more than a mere driving surface; that it includes the scenery. This is particularly true in Pacific country, where tourists are dependent upon to bring in a large amount of money each year.

GOVERNMENT RULES SEVERE AND NOT APPLICABLE.
Possibility of Restricted Area for Air Service Suggested and Being Investigated.

BOSTON, Mass., July 29.—Probably the first serious attempt to be made to develop the commercial possibilities of radio for the automobile owners of the country is being made by A. H. Sowers, of the Lexington Automobile company of Boston, distributors of Minute Man sixes in that territory.

Mr. Sowers, with the assistance of Earl Frost, radio expert of Reading, has begun an investigation of radio apparatus and its possibilities for use on Lexington service cars in Boston.

Utility of the new method of communication for the service in mind and an estimate of the probable costs of installation are being worked up by Mr. Sowers.

Mr. Sowers has delved far enough into the situation to learn that while it is possible to communicate from a service station to truck drivers, the real difficulty lies in the driver talking to the station. In other words, if he can give a driver a receiving set, but government regulations control the air and it is necessary to get a permit for a certain wave length before equipping a service car with a transmitter.

It is felt that possibly in a restricted area, such as is covered by the Boston distributor, definite arrangements for air service in this district may be possible. At any rate, Mr. Sowers plans to take the situation to some federal department to determine just what will be necessary to meet the situation.

HUDSON HEAD HONORED

MICHIGAN U. GIVES DEGREE TO ROY D. CHAPIN.

Prominent Automobile Executive and Secretary Hughes Among 11 Men So Honored.

Roy D. Chapin, president of the Hudson Motor Car company, had conferred upon him recently the honorary degree of master of arts by the University of Michigan, according to news received here by C. L. Boss, local Hudson and Essex distributor.

He was one of 11 men to be so honored. Others included Charles Evans Hughes, secretary of state in President Harding's cabinet; Alexander J. Groesbeck, governor of Michigan, and Sir Thomas Lewis of London, England.

Mr. Chapin, a former student at the University of Michigan since early in his development, has been in the automobile business, then in its pioneer stages. Though he has been executive head of the Hudson Motor Car company practically since its organization in 1905, Mr. Chapin remains today one of the youngest presidents in the industry. He is only 42 years old, and is also one of the youngest men ever to be given an honorary degree by Michigan.

Just before conferring the honorary degree on Mr. Chapin at the commencement exercises in Ann Arbor, the following citation was read: "Roy Dikeman Chapin, Detroit, president of the Hudson Motor Car company, a former student of the University of Michigan, since early in his development, has been in the automobile industry, and for more than a decade one of the guiding brains in its development. Diligent and forceful in promoting good roads and other commendable public enterprises; chairman of the highway transport committee of the council of national defense; ungrudgingly contributing his exceptional ability and ripe experience to the needs of his country during the war crisis."

Mr. Chapin has for a number of years been one of the nation's leaders in the development of highways throughout the country. He was recently elected vice-president of the National Automobile Chamber of Commerce.

LONG TRIP TAKEN IN FORD
Portlanders Back After 3 Months' Journey to Middle West.

After a trip of 6550 miles in a Ford car John F. Kilmer and wife, 516 East Morrison street, returned to Portland last week. The run took them back to the middle west via the southern route and return by the northern route. They were accompanied eastward by Mr. and Mrs. H. A. Beard and on the return by Mrs. Beard, Mr. Beard being detained in the east.

The party left here on April 3 and drove to California, thence eastward over the southern route from San Diego to Las Cruces and Alamogordo and up to Topeka, Kan. After some time in Kansas visiting friends and relatives the motorists started home, coming by way of the Lincoln highway to Denver and Salt Lake City, thence by the Oregon trail to Pendleton and home over the Columbia river highway.

Just before departure Mr. Kilmer purchased a new Ford car from the Dunning Motor company, authorized Ford dealers, and this machine was used for the trip. Entire equipment for camping out was taken, the car

carrying 1600 pounds, including the passengers, and the party camped the entire time, except for one night in the southwest, when they were caught in a storm. No difficulty of any kind was encountered so far as the car was concerned, it was declared, excepting a broken spring, just east of The Dalles, on the return. Gasoline consumption showed 22 miles per gallon, and 212 miles were made on a quart of oil on the average, it was declared. Mr. Kilmer was formerly with the Universal Car Exchange here.

MILK ROUTE NOW USING TRUCKS.
The longest milk route in this country, if not in the world, is now using 1500-gallon glass-lined thermos tanks mounted on trucks. It is reported that these tanks eliminate a large percentage of leakage loss.

The milk arrives at San Francisco at a temperature only two degrees higher than when it was received in tanks at the cooling station, thereby keeping the growth of bacteria down.

PACKARD CARS WILL CARRY TOURISTS TO CRATER LAKE THIS SEASON.



Fleet of seven Packard "Twin Six" busses recently purchased by the Crater Lake National Park company from the Portland Motor Car company, Packard and Nash distributors. The cars, each equipped to carry eight passengers, are already in operation, five being on the route from Medford to the lake and the others operating between Klamath Falls and the park. The eighth car, the one at the left, was also purchased by the company and will be for company use.

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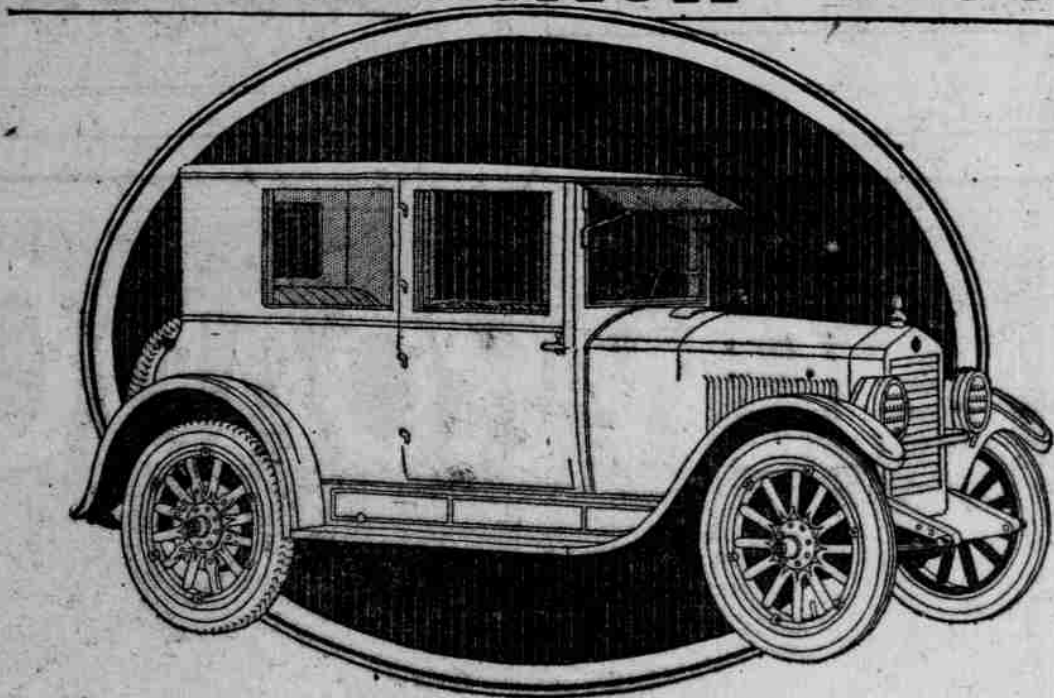
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ESSEX COACH \$1295



Satisfied Owners Its Greatest Proof

Just ask owners of the Essex Coach how delightfully it rides and drives. How quiet and free from rattles the body stays. How reliably and smoothly the Coach performs every task, day after day, with little need for attention.

We think their enthusiasm will win you too.

Touring \$1095. Cabriolet \$1195. Coach \$1295.

Freight and War Tax Extra.

C. L. Boss Automobile Co.

615-617 Washington Street.

Portland.

BRITISH PLANTS INACTIVE

While U. S. Industry Hums Out-put in England Only 10 Per Cent.

British automotive factories were turning out only about 10 per cent of their capacity production during the first quarter of 1922, says W. M. Parks, secretary of the American trade commission, London, in a report to the automotive division of the department of commerce.

This small production has been due to the fact that their export markets are greatly diminished and manufacturers have been almost totally dependent on the home demand, which regularly undergoes a seasonal falling off during the winter months and up to the middle of February or first of March, when the spring orders begin to accumulate.

Many firms have been working even below this percentage and the 10 per cent average was accounted for only through the activity of some of the builders of light cars, which at present enjoy a vogue in the British home market. Builders of heavier and higher priced vehicles

drive early in the season is less annoyance by dust.

The first visit to the snow line on Mount Hood is quite bewildering. The mountain vegetation is unfamiliar, therefore interesting. The amazing grandeur of the panorama to the north and west makes one feel dumb and helpless.

Then there is the mountain! We remained at the snow line to see the sun set. A mere lifetime is not long enough to enjoy the memory of this wonderful day outdoors in Oregon.

AFRICA HAS AUTOS.
One person in every 50 white people in South Africa owns an automobile, as compared to one in 96 in Great Britain, one in 162 in France,

The gasoline level in the carburetor varies from an eighth to a sixteenth of an inch below the top level of the spray nozzle.

one in 320 in Belgium, one in 1650 in the Dutch East Indies, one in 45 in Australia, and one in 42 in New Zealand.

VALVE-IN-HEAD
What is Buick going to do August first

WANTED
Two Retail Salesmen for OAKLAND SIX

See Mr. Brown
344 Burnside Street.

Diamond Tires

are reduced to the consumer, effective July 20, 1922. Here are the prices—no excise tax:

		Cords	Fabrics	Double Diamond
30x3			\$10.25	\$9.65
30x3 1/2	C. L.	13.50		10.65
30x3 1/2	S. B.	15.95		
32x3 1/2	S. B.	22.95	16.30	
31x4	S. B.	26.45	20.65	18.00
32x4	S. B.	29.15	21.20	
33x4	S. B.	30.05	22.35	
34x4	S. B.	30.85	22.85	
22x4 1/2	S. B.	37.70		
33x4 1/2	S. B.	38.55		
34x4 1/2	S. B.	39.50		
33x5	S. B.	46.95		
35x5	S. B.	49.30		

Better tires were never manufactured than Diamond Tires are today. You will get more mileage at less cost by using Diamond Tires. AT YOUR DEALERS.

DALL PISTONS
DECREASE DEPRECIATION

Equipped with the "MECO" Ring Combination.

Ask the Repair Boys
MOTOR EQUIPMENT CO.
72 Broadway at Oak
Brd. 3327 Portland, Or.

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