

Buick
MOTOR CARS

The Valve-in-Head Type

The T-Head Type

Why Buick Valve-in-Head Motors Have More Power

Internal combustion motors are heat engines. The more heat retained in their cylinders, the more power they generate.

Water-jacketing space absorbs heat.

Buick Valve-in-Head motors have about 20% less water-jacketing space than the L Head type and about 15% less than the T Head type.

That is one of the reasons why Buick Valve-in-Head motors have more power.

Buick Sixes	Buick Fours
22-Six-44 Three Pass. Roadster - \$1495	22-Four-34 Two Pass. Roadster - \$935
22-Six-45 Five Pass. Touring - 1525	22-Four-35 Five Pass. Touring - 975
22-Six-46 Three Pass. Coupe - 2135	22-Four-36 Three Pass. Coupe - 1475
22-Six-47 Five Pass. Sedan - 2435	22-Four-37 Five Pass. Sedan - 1650
22-Six-48 Four Pass. Coupe - 2125	
22-Six-49 Seven Pass. Touring - 1735	
22-Six-50 Seven Pass. Sedan - 2635	

Ask about the G. M. A. C. Plan

SUNSET GARAGE

WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD.

SOMETHING MORE THAN GAME

Ingenious Pastime That is Designed to Give Participants an Idea of Character Reading.

Training in character analysis is made possible by a game just put on the market, says a New York Times writer. In playing it two contesting sides are respectively called "char-

acter readers" and "face builders," some one not taking part in the game being selected as the subject to be studied. The character readers write upon a slip of paper these characteristics which they think best fit the subject. The face builders then proceed to construct a likeness of the person from a number of cardboard pieces on which different types of features are stamped. These sectional blocks provide a map of the face studied, the

blocks representing the three chief facial types, designated as convex, concave and plane, with many intermediate gradations.

When the representation is completed by putting the blocks together, a key number on each block gives a reference to a description of the characteristics revealed by that particular kind of feature. Each characteristic named by the character readers which agrees with the corresponding characteristics found by the face builders scores one point for the character readers. Instead of studying a person's photograph, a photograph may be used with equally good results.

Chiefs of the Cherokee Nation.

In the sixty-eight years of the existence of the Cherokee nation west of the Mississippi river, ten men were called, at various intervals, to fill the highest office in the gift of the Cherokees. When the constitution of the Cherokee nation was adopted September 12, 1829, it provided that the supreme executive power of the nation should be vested in an official whose title should be "The Principal Chief of the Cherokee Nation." The ten principal chiefs were: John Ross, Louis Downing, William P. Ross, Charles Thompson, D. W. Rushyhead, Joel B. Mayes, C. J. Harris, S. H. Mayes, T. M. Buckingham and W. C. Rogers. Of these only two were fullbloods. All the chiefs, with the exception of Downing and Thompson, were of mixed white and Indian blood. John Ross and Louis Downing were the only ones who had ever filled the office of assistant chief. John Ross had been principal chief of the old Cherokee nation east of the Mississippi river.



Modern Fireproof Hotel

EUROPEAN PLAN

Hot and Cold Water in Every Room

A La Carte Meals the Best in the City

P. J. WORREL,

Proprietor

PHONE BDY 343

PACKARD STAGES

TWIN 6 PACKARDS EXCLUSIVELY

Bonded Cars and Competent Drivers

PORTLAND-TILLAMOOK

Hood River, The Dalles and Pendleton and Way Point

LEAVING DAILY

From Portland
Rainier Hotel, 128 N Sixth St.
8 a. m.

From Tillamook
Tillamook Hotel, 3rd Ave. & 3rd St. E.
8 a. m.

WAYNE W. WALDRIP, Manager

BIG CEDAR NEAR HADDON MEASURES 18 FEET THROUGH

One of the largest cedars in Tillamook county, of which there are said to be many, was sawed down by J. G. Robertson, a logger, at the Rob-Haddon station one day last week. The tree was in the neighborhood of itsch & Gustus logging camp, near 125 feet in height, and at the base where it was sawed off, measured 18 feet in diameter. The circumference at that point would be about 55 feet. The tree was rotten some distance from the inside, and the top was badly broken by the fall.

If the age of a tree can be determined by the rings, one may judge something of the age of this titan of the forest and John Muir, who patiently counted the rings in a big Sequoia, in Yosemite park, would have given the big Tillamook tree an age of several hundred years.

There are several other fallen cedars in the logging camp near Haddon that measured all the way from 12 to 14 feet in diameter, but the one referred to is easily king of the forest in that section.

The tract on which this big cedar was felled, is within a half mile of the Southern Pacific track, and about two miles north of Manhattan beach, and with a good trail from Haddon, ought to be quite an attraction to tourists next summer. It is well worth seeing. The stump, if felled, would make a comfortable small dwelling room and there would be room for two "sets" of an old fashioned coillion, on its ample base.

Representatives of this paper last Saturday, through the courtesy of Mr. Robertson, the state of Maine timberman, who felled it, went up from Haddon and photographed the base of the tree. The day was dark and the exposures were taken in a rain and wind storm of considerable violence, and the party had some difficulty in getting through the mass of timber wreckage, and from the scene of the fallen tree. The bad part of it was that the pictures proved worthless on account of the dark day.

COUNTY SUPERINTENDENT APPORTIONS SCHOOL FUND

County Superintendent G. B. Lamb, on Monday last apportioned the state and county school funds, as by law directed, on the third Monday of November, as follows:

General school fund, One hundred dollars to each district, and \$11.12 per capita, additional. The total amount thus apportioned in this county was \$36,144.27, which is for this year. Mr. Lamb states that the decrease in per capita is accounted for by the increase of pupils, there being an increase of 344 children of school age, since the last apportionment.

The apportionment for elementary school fund was \$208 for each teacher employed, the total being \$17,206. The amount received from the state was \$1.75 per capita of the school population.

The standard high schools of the county received a total sum of \$17,000.

NEWS CARRIED BY DRUMBEAT

African Natives Have a Really Wonderful Way of Communicating Over Long Distances

News is carried by drumbeat in Africa at a rate as fast as the telegraph, writes a correspondent. The natives of Central Africa have a wonderful system of signaling from village to village by drumbeat, he says. Generally the property of the chief, these official drums, which are many, forming a set of varying size, are, as a rule, of the species known as incision-drum. This is a long, narrow hollow cylinder, made from a tree trunk, with the ends closed. By relay a message may travel a thousand miles in little more than the velocity of sound. The drum telephone depends upon an elaborate code of sounds. European travelers often order their dinner and night's lodging at the next village by a drum message. The villagers use it as we use postal, telegraph and telephone service—and there are no charges. To a European the rhythm of a drum expresses nothing beyond a repetition of the same note at different intervals of time, but to a native it expresses much more. To him the drum can and does speak, the sounds produced from it forming words and the whole measure of rhythm a sense. Thus, at a dance of "companies," in one measure they abuse the men of another company . . . then the rhythm changes and the gallant deeds of their own company are extolled. All this, and much more, is conveyed by the beating of drums, and the native ear, trained to detect and interpret each beat, is never at fault.

Wm. Ward and Oscar Taggart of Neskowam, were in the city the fore part of the week.

S. E. Bodle and wife of Wheeler were in the city Monday.

We'll see you there. Where? Watch!—Adv.

Ike Labowitz came in Sunday from Portland to spend a few days in a live town.

Shop early Dec. 7 and 8—Adv.
Enjoy a musical evening Dec. 7.—Adv.

Mrs. Sutton, who was called to Forest Grove last week by the illness of her brother, came home Sunday by stage.



The Gun and Shells For a Good Bag of Ducks

Waiting in the blind while the ducks circle over your decoys—it takes a hard-hitting, evenly distributed shot pattern to bring down that canvas back or mallard.

A perfect shot pattern is the result of the right gun and the right shell.

Winchester shot guns and loaded shells are famous for their patterns of uniform spread and hard-hitting delivery. No ducks get through a Winchester pattern.

Winchester Leader and Repeater Shells



Smokeless powder. The famous Prestic wadding. The right crop mp. Waterproof. The popular loads for duck hunting.

Also Winchester New Rival and Nublack Shells—loaded with black powder.

King-Crenshaw Hdw. Co.

THE WINCHESTER STORE

Shearer-Merrick Surgical and Maternity Hospital

215 E. 8th St.

Mrs. Frank Merrick
Matron



Buy liquid heat—It's cheaper

You eliminate all waste of heat when you use Pearl Oil in an oil heater. Pearl Oil makes any good oil heater most economical to operate because it is clean-burning and every drop delivers real heat—just when and where you want it.

And it's most convenient to buy heat the Pearl Oil way—no ashes to lug—no dirt—no smoke—no odor.

Pearl Oil is refined and re-refined by the special process developed by the experience and resources of the Standard Oil Company.

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