

HUPMOBILE MODELS RECEIVE ATTENTION

Auto Critic Declares Introduction of Eight and New Six Sets Mark

Rockwell R. Stephens, expert motor car critic, writing in the Chicago Daily News, declares that "two genuine achievements in automotive progress must be scored after the Hupmobile name this year—the first as a result of the introduction of the Hupmobile Eight last January, the second through the development of the Six, recently announced.

"Both cars," he points out, "represent ventures into new fields for Hupp, but predictions of success made months ago for the Eight, and since triply justified by amazing sales figures, can now be made just as confidently for the new Six—the result of 17 years of experience, and the direct result of 11 years experimental work on sixes.

"In building the Eight, Hupp engineers set something of a new standard for smoothness in motor operation. That same standard is demonstrated in the new Six and it is the first impression the driver receives as he makes tentative spurts through a 10 to 30 mile speed range. The pick-up in second gear is quick and smooth. In high gear, spark and throttle can be advanced to wide open position and the Six will pick up without "pinging" or vibration through a speed range from rolling start to 50 miles an hour, which evidently is not maximum speed.

"Although its engine delivers maximum horse power at between 2800 and 3300 revolutions per minute, there is no sound or vibration to indicate that the motor labors even at maximum speed.

"Smoothness of operation has been secured by careful design that has produced a short four-bearing crankshaft weighing 64 1/2 pounds, and 19 ounce pistons, balanced to one-hundredth pound variation per set, ground to two thousandths of an inch limits and hand fitted to five ten-thousandths of an inch limits. Similar care is used in matching up other reciprocating parts. The total weight of these parts is only 18 pounds. Vibration is further eliminated by a damper on the front end of the crankshaft.

"The motor of the Six develops more than 60 horse power, with a bore and stroke of 3 1-8 by 4 1-4 inches, giving a piston displacement of 195.6 cubic inches. Piston displacement of each cylinder is 32 1/2 cubic inches, yet in that tiny space, little larger than a pint measure, maximum combustion pressure is calculated to give a thrust of 3068 pounds on the piston.

"The Six has a wheelbase of 114 inches, and holds the road well for its weight, which, in the case of the sedan, is approximately 2800 pounds. Balloon tires, 30x5.25, and the latest type Bendix self-energizing front wheel brakes are standard equipment. Body types, four-door sedan and touring, resemble the Eight in appearance and are comfortably designed."

Farm Bureau to Combat Loss by Fire in Rurals

CHICAGO—Because farm property destroyed by fire each year in the United States, if in one group, would make a city as large as Kansas City, the American farm bureau federation is out to smother the torch of carelessness that is responsible for most of this waste.

A campaign of education among rural communities will be one of the many subjects to be taken up at the annual meeting here December 7, 8, 9.

President Coolidge will make an address Monday morning. His address will be broadcast. The president is expected to arrive here Monday morning and leave for Washington Monday afternoon in time to deliver his annual message to congress December 8.

The matter of grazing on public domains, of vital importance to western stockmen, probably will be injected into the meeting. Muscle Shoals, Truth-in-Fabric and other legislative and governmental problems also will come up for discussion.

Secretary of Agriculture Jardine will speak at the annual banquet, Tuesday night, December 8.

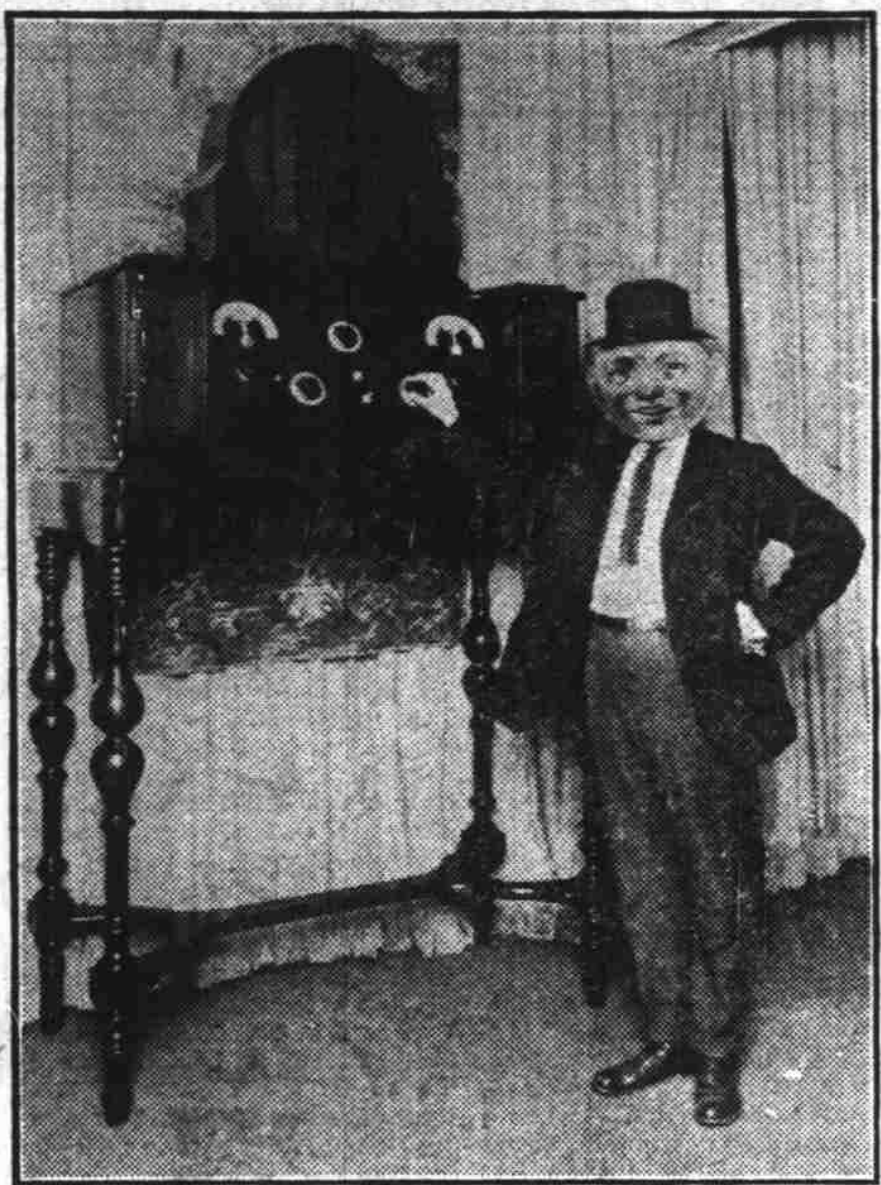
Scholarships in Plumbing Now in Carnegie Curricula

PITTSBURGH.—The plumber may now have a degree tacked to the end of his name.

The Carnegie Institute of Technology here has added to its curriculum a professorship and two scholarships in plumbing, heating and ventilating, and Dr. Thomas S. Baker, president of the school, says he hopes they will result in a further improvement in standards of living in America.

The scholarships, each valued at \$500, are available to Carnegie Tech. students. They are the gift of the National Association of Master Plumbers and the women's auxiliary.

LIFE-LIKE RADIO AUTOMATON



The unique mechanical figure, using a musicone reproducer for a head, answered questions asked by visitors to the Crosley display in the radio show. The automaton stood beside a giant model of one of the new radio receivers.

AMERICAN CARS WIN AUSTRALIAN EVENTS

Jewett Car Takes Triple Victory in Hill Climb at Heidelberg

Another victory—or rather a triple victory—for the Jewett in Australia has been reported to the Paige-Detroit Motor Car company by the distributors at Melbourne. Not only did a Jewett win the Heidelberg, Victoria, hill climb, but two other Jewetts won second and third places, making a clean sweep of the event, which was

held under the auspices of the Royal Automobile club of Victoria.

The course measures six-tenths of a mile with a grade of 15.4 per cent. The start was from a standstill, and the winning Jewett did the distance in 52 and 2-5 seconds. The next two Jewetts were timed at 57, 2-5 and 58, 2-5 seconds. The next fastest car over the line, an American car of another make, finished in 61 and 1-5 seconds.

A Jewett also was victor in the hill-climb at National Park, New South Wales, winning the annual event on Artillery Hill.

Signals help. When the driver in front holds out his hand, you know he is going to do one of three things.—Youngstown Vindicator.

Organist Gets Funeral Wreath



Mistakes will happen, as Johanna Grosse, Crosley WLW organist, now knows. A funeral wreath instead of a bouquet of flowers, was sent to her by an admiring fan who telegraphed his order. She is far from being dead and is one of the liveliest organists playing for radio and theater audiences.

It's time for you to select your Christmas Gifts

We have a large stock of Christmas Gifts, suitable for small children to the grown-ups

We have the following:

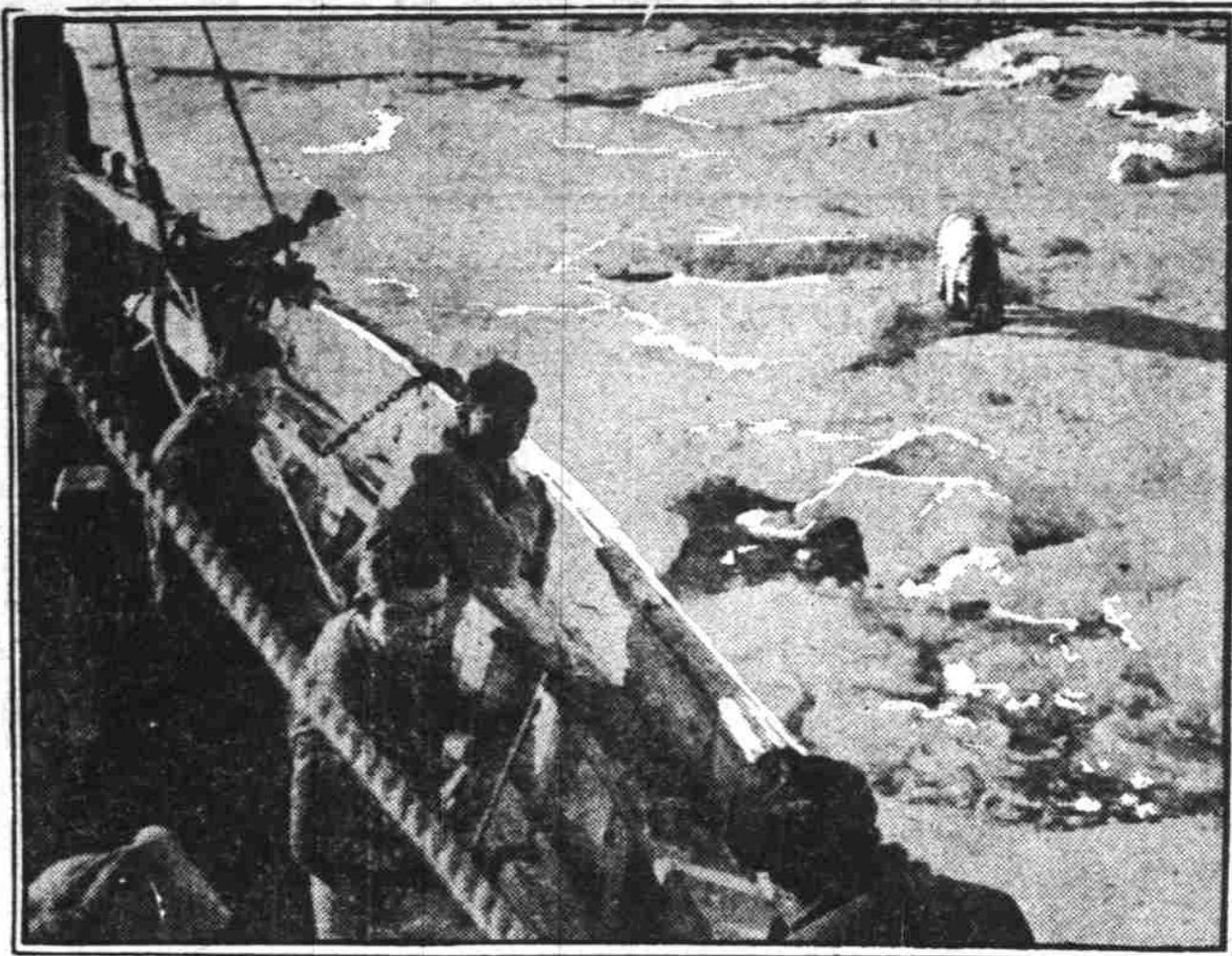
- BICYCLES — SCOOTERS — ACCESSORIES
- VELOCIPEDES — TRICYCLES — TOY
- AUTOS — WAGONS — FLASH-LIGHTS — TIRES

SEE OUR WINDOWS

LLOYD E. RAMSDEN

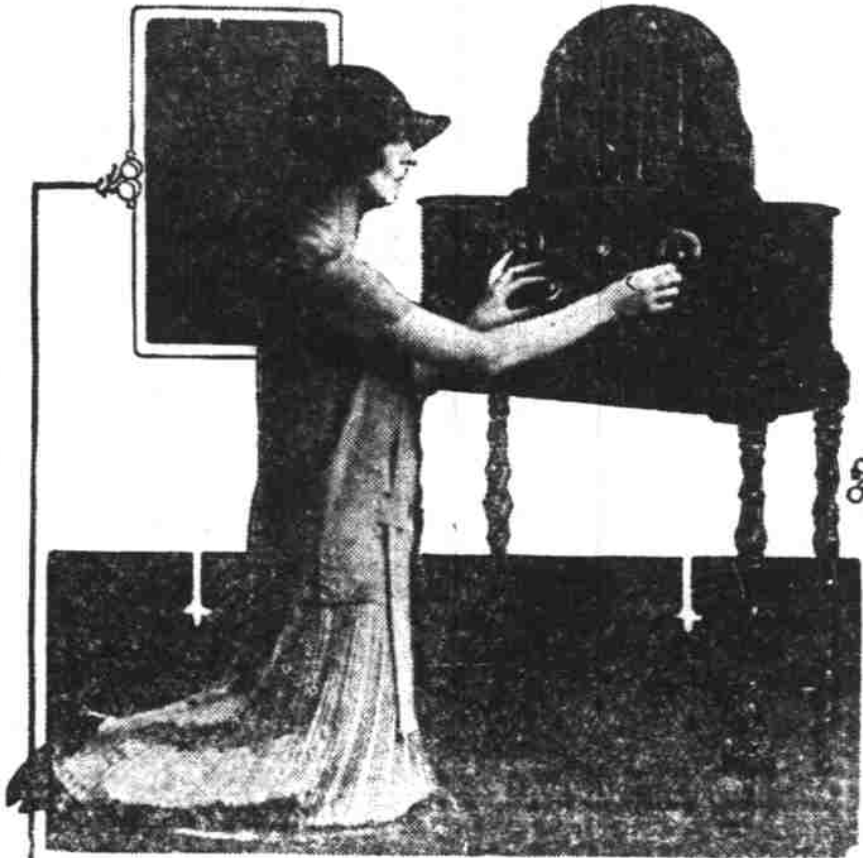
387 Court Street

Cold? Look at the Picture and Warm Up



No matter how uncomfortable you may feel this winter, you'll be better off than men in this picture were when it was taken. Photo shows a polar bear approaching the ship in which Capt. Frank Worsley, Britisher, and Gretter Algarsson, Canadian balloonist, ventured into the frigid Arctic to establish the location of Gillis land. They've just returned.

RADIO ENTERTAINS ROYALTY



Lady Diana Manners, who portrays the "Madonna" in "The Miracle," the great mystery play now being given in this country, is an ardent radio fan. She is shown tuning-in with a Crosley radio receiver.

CHEVROLET SCHOOLS TEACH MECHANICS

Company Plans on Doubling Number of Instruction Stations Soon

The service promotion department of the Chevrolet Motor company, in its work of establishing throughout the nation a uniform standard service for Chevrolet owners, is doubling the number of Chevrolet service instruction schools.

Before the first of the year it is expected that 20 of these schools will be in operation. Through their painstaking instruction of mechanics, foremen and proprietors of Chevrolet service stations the schools are assuring to every Chevrolet owner the highest degree of continued satisfaction.

J. P. Little, manager of parts and service for the Chevrolet Mo-

tor company, has joined and coordinated the field of his service promotion division, with the service schools. Formerly the two were operated independently. Now 75 men are engaged in the joint work of school instruction and service promotion.

Separate courses of one week each are given at the service schools for Chevrolet mechanics, service foremen and service station owners. The mechanics work under skilled instructors in model shops. Using precision equipment, they are shown the quickest and most efficient manner of doing all servicing operations. The course for service foremen is slightly more comprehensive, while that for service station owners goes into such details as shop layout, service department administration, maintenance of parts stocks, the flat rate system, account keeping, etc.

"The service schools and the service promotion department work hand in hand," said Mr. Little. "A dealer, having seen a model Chevrolet shop in operation at the school, usually is already 'sold' when a service promotion representative later visits him and suggests that he rearrange his

service department in accordance with one of the several Chevrolet model plans and install the latest specially designed Chevrolet precision tools. He knows that the move will reduce his costs and increase his business.

"If a dealer wants a model service department, the service promotion representative directs the work without charge and remains until it is installed and in satisfactory operation. So many dealers have entered requests for the model service stations that the department is several weeks behind in the work of installation."

Mail Order Sales Indicate Home Barbering on Increase

CHICAGO.—Barbering at home appears to be on the increase in the United States. The desire of women with bobbed locks to keep their backs of their necks neatly trimmed is largely responsible for it. Three of the largest mail order houses here report increase of from 35 to 75 per cent in the sale of hair clippers during the last year and a half.

Not only does bobbed hair style demand close neck trims and shaves, but mothers and fathers have taken to clipping the hair of their children.

There has been no fear expressed, however, that the barber shop will ever be supplanted by the parlor barbers.

Tennessee Public Schools to Profit From Land Sale

NASHVILLE—Tennessee public schools will benefit from the sale of "unclaimed and vacant" lands when a defect is cured in an act passed by the state legislature in 1903 making it mandatory on the state to sell unclaimed lands.

Under the provisions of this old law the untitled properties which are considered state possessions

must be sold for cash and the proceeds revert to the state treasury for the benefit of the schools. But the law failed to designate any certain officer to conduct the sale.

There are many thousands of acres of such lands in the state, some tracts wealthy in mineral deposits and some containing valuable stands in timber and others rich agriculturally.

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At Christmas you give not money or the things money will buy, but pleasure, the greatest pleasure for everyone. There is no

gift that can bring so much pleasure to the whole family as radio.

And do not give just an ordinary radio. For considerably less than the cost of the most expensive set, you can have the one which has maintained from the beginning a reputation for all-around performance—the ATWATER KENT.



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Graham Brothers won world supremacy among exclusive motor truck manufacturers because Graham Brothers Trucks have stood the test of exacting service in every line of business—and because they are priced at a figure that is too attractive to be overlooked.

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