

What the World Is Doing

As Seen by Popular Mechanics Magazine

Eliminating Hand Capacity in Radio Sets

Hand capacity, which makes close wiring difficult, often can be eliminated by mounting the variable condensers farther away from the panel. This can be done by providing a longer condenser shaft as follows: A short length of 1/4-in. brass rod, long enough to extend through the panel, is placed in one end of a threaded spool and the condenser shaft in the other. If the rod and shaft do not fit tightly, drill them and the spool to take cotter pins. Mount the condenser in the desired position on the subpanel by means of two 1/2-in. brass strips, 3/4 in. wide, bent to form brackets of sufficient length to support it.

How Folks Earn Their Living Shown by Business Survey

During the increase of population in the United States from about 24,000,000 in 1850, to more than 105,000,000 in 1920, a lack of uniformity in increase in many occupations was noted. Some entirely disappeared, new ones, like auto driving and electrical work, came into prominence, and others showed little change. In 1850, to every 1,000,000 inhabitants there were 1,222 wheelwrights, but the class has nearly disappeared today, while in 1920 found an army of 7,587 machinists to every million inhabitants as compared with the 1,039 in 1850. The proportion of clergymen is nearly the same today as seventy-five years ago, the reports showing one for every 949 persons in 1850, and one for every 912 in 1920. The relative number of physicians and surgeons has decreased, blacksmiths have been greatly reduced, and but 519 sailors were found to each million inhabitants in 1920 as compared with 3,044 in 1850. There were twenty-five times more plumbers to each million in 1920 than in 1850. Electricians numbered 2,014 to the million in 1920, steel workers 8,006 and barbers almost as many.

other kinds swelled this figure to 1,052,722,161, the estimated number for that part of the whole bird population for this country.

Cutting Pipe at Angles

Cutting pipe accurately at an angle with a hacksaw is no easy job, as it is difficult to scribe a line on the pipe. However, by using the rig shown in



the drawing, a clear mark can be made. All that is necessary is a stand with an adjustable top to hold the pipe at the desired angle, and a can of white paint into which the end of the pipe is dipped. The stand is readily knocked together in a few minutes. The top is hinged onto the vertical part and two slats are tacked on to hold it at the proper angle. The drawing clearly shows how the rig is used. After dipping the pipe is set away to allow the paint to dry, or if the job must be done at once, a mark can be scribed along the edge of the paint. It is, of course, necessary to have both the stand and the paint pot on a level floor.

If the phones don't seem satisfactory in operation, try reversing the polarity.

Dashboard Map on Roller Used with One Hand

An auto map that can be used with one hand and interferes with steering but little, is attached to a spring roller screwed into the dashboard beneath the instruments. Replacing hand maps, which usually mean stopping the car and having the wind whip and tear the paper, the new chart is framed on two ends, giving it rigid-



ity. To inspect, the driver simply pulls out the roll. The spring returns it to position out of sight, when reading is done. Entering another state, a new map may be inserted readily.

TOM JIMISON AT UNIVERSITY LAW SCHOOL

Raleigh Times. The trustees of Wake Forest College have an undisputed right to refuse admittance to Tom Jimison, Tom—and let's get this said and over with as quickly as possible—has acquired a reputation just a bit ripe for the palate of the guardians of youth whom it is determined to submit to no disturbing influences. He is something of a social agitator, has repeatedly thumbed his nose at the established order in church and state, was LaFollette elector, ran with the Socialists at Winston-Salem and was their candidate for mayor of that community, quit the Methodist ministry in favor of a labor paper at Charlotte and was convicted and fined for transporting liquor, offered to make amends by yielding himself to the law and finally decided to secure license to practice the same in North Carolina. At Wake Forest last summer he was discovered by officers in the presence of liquor which in the municipal court was proved to be of somebody else's providing.

We trust that in the last time we shall ever feel called upon to refer to Tom's past shortcomings. He has gone to Chapel Hill and as a citizen of the State applied for admittance to the University Law School, which has properly been opened unto him. It is to be hoped that he will benefit from his associations at the University, which in turn should profit from association with him.

He can pass the examination for law license as easily from one school as another. He had no claim on the Baptist denomination; he has the same claim upon the University as any other citizen of the State. He couldn't be a martyr on the campus at Chapel Hill, if he wanted to—let's concede that he exhibits no such desire—and it is now squarely up to him.

And here's wishing him luck. With one of the brightest minds in the commonwealth, he ought to add something to the State's mental content. The children of the family were, according to their respective accounts, all first in something at school. Tom was first in reading, Alice was first in arithmetic, Sammy in sports, and so on. Janet alone remained silent. "Well, Janet, how about you?" her uncle asked. "Aren't you first in anything?" "Yes, uncle," said Janet. "I am first out of the building when the bell rings."

TWO VIEWS ABOUT FLAPPERS

Girls' Beauty and Modesty Defended by This Writer. Editor New York Mirror: I consider the letter by "Trotter" in which he states the girls of New York are immodestly dressed an outrage. There is not a city with more beautiful or more modestly dressed girls in the world than New York. It seems to be a pity that such men as "Trotter" cannot see things as they really are, not with narrow-minded eyes which are so evident in his letter.

Lock Up All Flappers to Stop Crime, Is His Idea.

Editor New York Mirror: It is amusing to perceive the number of girls who try to pretend they are not indecently dressed, and that they do not act discriminatorily. Why, we all know the majority of girls in New York today are practically nude. There would be fewer crimes in New York if girls who are indecently dressed like the flappers were locked up.

The Dry Times of 1845.

Charlotte Observer. It was mighty dry in this part of the country back in 1845. The drought in that year was apparently about the same nature as the one now prevailing. For the Anderson Mail has gone back to the records printed in The Anderson Gazette, of August 29, of that year, and reproduced from that paper some evidences of the distress prevailing in South Carolina in consequence. What is termed a "Starvation Convention" had been called for by the Court House, the following week, but the Anderson did not take much stock in the proposition. It wanted to know what a convention of the kind "could do to relieve the distress of the people?" The paper saw in the proposed convention only an opportunity for "some officious individuals to take a lead, more for the purpose of acquiring a great name than for any real public good that might be derived from their deliberations." It advised that if the good people of Anderson condescended to send a delegation to the convention, they might expect to be humbugged and fleeced. "A certain class of shavers would reap the benefit, and the people may whistle for bread." It was of record that Anderson took no stock in the "Starvation Convention," but on the other hand, took the newspaper's advice and organized among themselves for relief of the sufferers. Committees were appointed to ascertain conditions, to search out the people in need of relief and to minister to their wants.

In dismissing the committees to their tasks the chairman of the meeting gave voice to the sentiments that might seem to apply to conditions of the present time. He advised that the cause in which they were embarked was "one which made feeding appeal to every philanthropist and Christian in the land." He warned against any one "attempting to take advantage of the judgments of high heaven, and undertake to enrich themselves," but rather, "all should unite heart and soul to promote the general welfare, and thus, by furnishing means of subsistence, retain in the bosom of our beloved State, a population whose industry, virtue and intelligence has won for her an enviable name among the American sisterhood."

"A Bill to Be Entitled"

Monroe Journal. Mr. Turlington, of Iredell, a legislator, says he is now ready to champion a bill in the next legislature to forbid the teaching of evolution as a fact in the schools as theory. He says that when such a bill was introduced in the last legislature he thought it foolish and voted against it. He has now seen the light and is ready to move.

As all legislative bills are required to have a caption, beginning with the words, "A Bill to Be Entitled an Act" we take the liberty of suggesting a caption for Mr. Turlington's bill as follows:

"A Bill to Be Entitled." "An act to re-establish the principle of the union of church and state, to violate the spirit of the constitution of the United States and the State constitutions, so soon the seeds of strife, bitterness and all uncharitableness, to bring the Christian religion into disrepute while nominally upholding same, to call back again the incantations of the middle ages, to introduce discord and dissension into the schools, and churches and communities; to re-examine the decay of witchcraft and the evil eye, to make political issues out of men's private religious beliefs, to put a premium upon hypocrisy, to furnish a field for unlimited bank for politicians, to retard the growth of the teachings of Jesus and substitute therefor the jargon of ecclesiastical politics, and finally, to give each and sundry wind jammer a platform from which to shed briny tears, in behalf of a religion that he does not practice."

Success lies not so much in finding a suitable place as in making yourself suitable for the place you have found.

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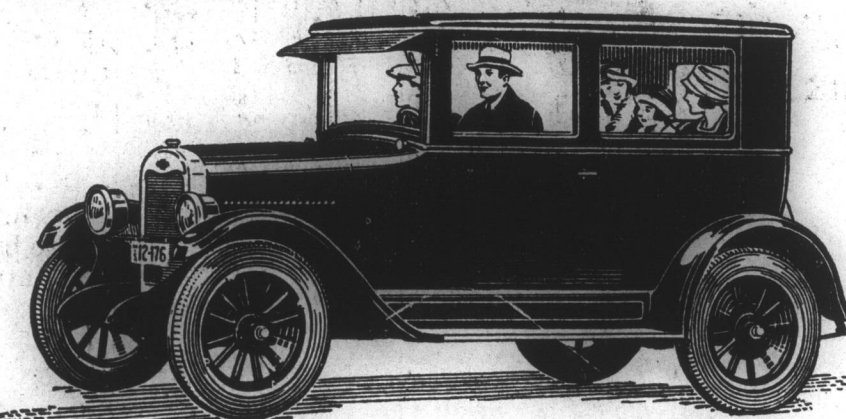
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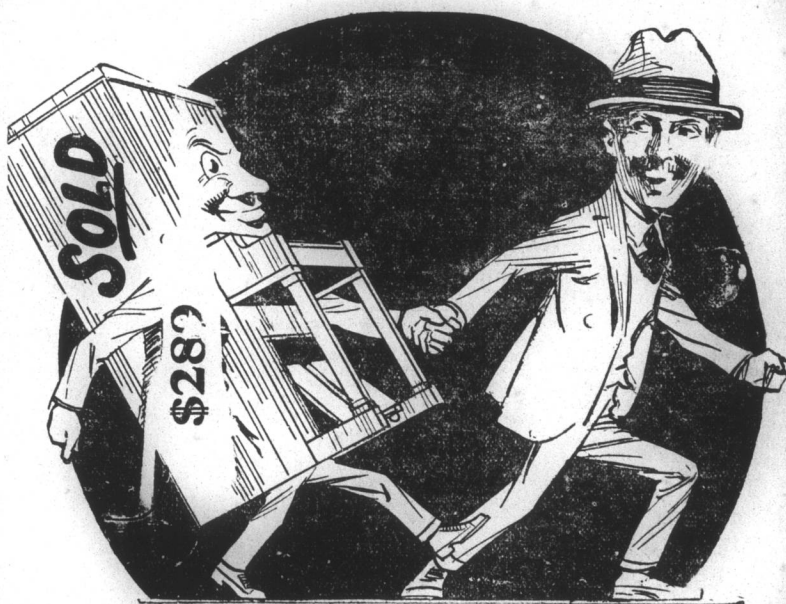
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Lawrenceburg, Ky.—Mr. J. P. Nevins, a local coal dealer and farmer, about two years ago learned of the value of Theford's Black-Draught liver medicine, and now he says: "Until then I suffered with severe bilious attacks that came on two or three times each month. I would get nauseated. I would have dizziness and couldn't work. I would take pills until I was worn-out with them. I didn't seem to get relief. After taking the pills my bowels would act a couple or three times, then I would be very constipated. A neighbor told me of Black-Draught and I began its use. I never have found so much relief as it gave me. I would not be without it for anything. "It seemed to cleanse my whole system and make me feel like new. I would take a few doses—get rid of the bile and have my usual clear head, feel full of pep and could do twice the work." One cent a dose. NC-161

