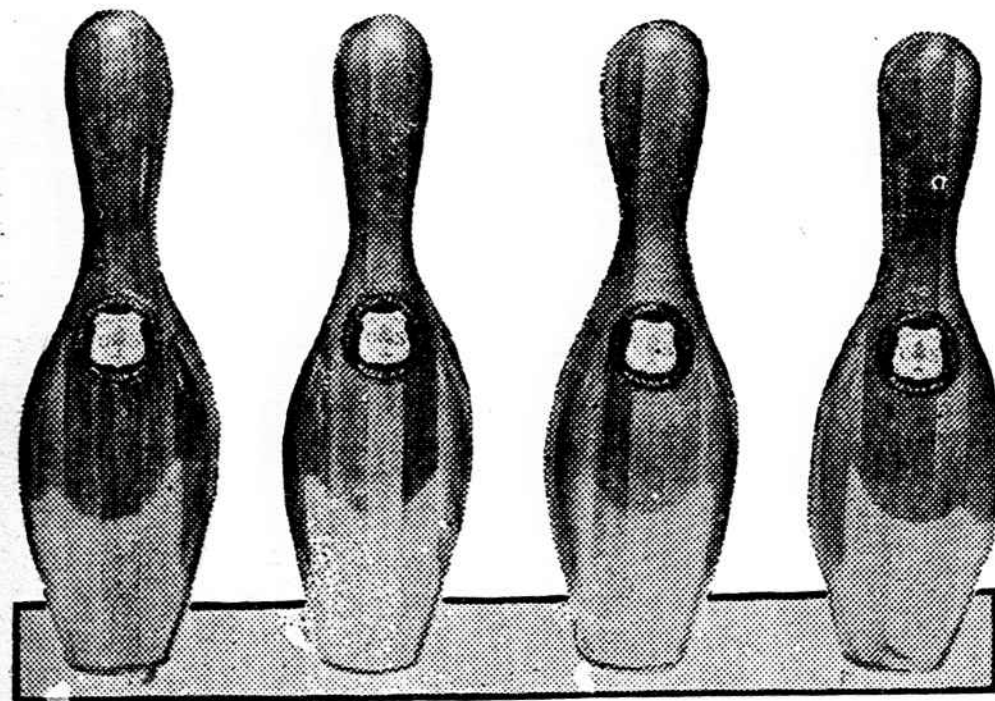


## New Uses for Laminated Woods

Prepared by the U. S. Department of Agriculture

The present-day penchant of manufacturers and others for substitutes threatens even those trusted baseball bats to which every big league hitter looks to perpetuate his fame. The forest products laboratory of the forest service, United States department of agriculture, has recently been manufacturing experimentally a number of laminated wood articles with the idea of utilizing small lumber stock. Baseball bats are among the articles which have been experimented on. In practically every instance the products made from this material have given as good service as those made in the regular way. Whether they would satisfy the critical demands of professionals who inspect their white ash clubs with zealous care is a matter as yet undetermined.



Laminated Bowling Pins Glued With Hide, Also Water Resistant Casein Glue.

mined. The fact, remains, however, that the initial success in the experiments cited seem to indicate that there is a large field heretofore undeveloped in which laminated wood can be used successfully. Attention is called to the fact that, while some of the bats have broken under severe usage, the breaks were not in the glued joints, indicating that the artificial joining has been accomplished in an entirely satisfactory manner.

Shoe lasts were also made of laminated wood and after undergoing the severest usage in various factories are still serviceable. Hat blocks of a similarly built-up material were tried out thoroughly and proved very satisfactory. Recently constructed specimens of wagon bolsters which were made up with laminations carefully joined just before gluing are standing weather tests well. A wagon company is giving these articles a trial.

## CHICKENS NEED HEAT AND LIGHT

Fowls that are wintered in cold parts of the country, where the temperature runs below freezing to 20 degrees or more below zero, need considerable protection. When the cold is so intense that the fowl is uncomfortable, a certain part of the heat and energy from the food eaten is used to combat this low temperature and the food which is required for that purpose cannot, of course, be used to manufacture eggs. Therefore, the construction of the house varies with the temperature or part of country in which it is to be used. A thin and partly open house is best for warmer climates, but must have reasonably thick walls and be capable of being closed quite tightly on severe nights in cold sections. It is comparatively cheap to make a house warm by using several thicknesses of inexpensive tar paper, and if a better looking structure is wanted, other methods can be employed. In any event, the house must be made comfortable.

A dark poultry house is unhealthy and uncomfortable. There should be plenty of windows to let in light so that the house is bright and they should be kept clean so that the sun can shine in to warm and brighten the interior. The direct rays of the sun will kill every germ of disease that it touches and that in itself is important. Too much glass is a disadvantage, because the house warms up too much in the daytime when the fowls are busy and cools down too rapidly at night when they are on the roosts. Windows should have both upper and lower sash so that they can be lowered and raised to let in little or much air according to the outside temperature. If there is too much window space reduce it; if there is too little increase it.

## SAYINGS OF NOTABLES

Napoleon Bonaparte: How doth the little busy B improve each shining hour!  
Eve: A little knowledge is a dangerous thing.  
Darwin: I could a tail unfold!  
Lillian Russell: A thing of beauty is a joy forever!  
Achilles: Don't put your foot in it!  
Samson: The most unkindest cut of all!  
Tiffany: There are sermons in stones!  
Grimaldi: Laugh and the world laughs with you!

## Canadian, 104 Years Old, Dead.

Charles Joseph Leroy, age one hundred and four, credited with being the oldest man in Canada, is dead at Vancouver, British Columbia. Born in Versailles, the son of one of Napoleon's soldiers, he fought for the North in the American Civil war.

## Macaroni as Flesh-Builders.

According to a British scientist, macaroni is as valuable as flesh-building food as beef or

## Experienced Woodsmen and Others May Easily Become Lost Among the Big Trees

"Sooner or later everybody who travels much in the woods—real woods—is likely to get lost," writes George Gladden in Boys' Life. "The tenderfoot (scout or otherwise) does; the experienced woodsman does—even the Indian sometimes does. But an Indian often won't admit it, at least to a white man; from which trait probably originated the classic story about the redskin, who, when he was accused of being lost, replied indignantly: 'Injun no lost; wigwam lost; Injun here!'

"There is a difference between being lost and being astray. For example, you may suddenly realize that you are traveling northwest instead of north, which you had supposed and desired to be your course; and that discovery may cause not a little confusion in your mind. As long as that confusion lasts, you are astray; actually you are no longer really astray as soon as you realize your error, and begin to travel north.

"Again, if you confidently expect to see a certain landmark—say a big ledge on a mountainside—from a trail or road from which you believe it to be visible, and it isn't there, you are certainly astray, and perhaps lost, as far as that ledge is concerned. Wherefore it behooves you to find out promptly just why you have missed seeing that ledge. Otherwise you are likely to get still farther off your course. For, depend upon it, the ledge hasn't moved—that is, the wigwam isn't lost. The mistake that many an inexperienced person makes lies in blundering along, and trusting to luck, with the result that presently he is lost, 'for fair.'"

## A WISH

When the world to thee is new,  
When its dazzling dreams deceive thee,  
Ere they pass like morning dew—  
Faith retrieve thee!

When the glory fades away,  
When of light the clouds bereave thee,  
When the shadows mar the day—  
Hope relieve thee!

When despair's destroying breath  
Comes at eventide to grieve thee  
With the bitterness of death—  
Love relieve thee!

When the bells at Curfew toll,  
When the lingering sunbeams leave thee,  
When the night o'erwhelms thy soul—  
God receive thee!

## First Electric Fire Alarm Sounded in Boston in 1852

The first fire alarm ever given by electricity was by the Boston system, from Box 7 of District 1, on the old Cooper Street church, Boston, at 8:25 p. m., April 29, 1852. It was sent in by G. H. Goodale and received at the headquarters of the system in Police Station 2, Court square, by Charles Carlton Coffin, who afterward became famous as a war correspondent and writer of Civil war books, who was one of the first operators of the system.

## Angels Could Do No More.

Who does the best his circumstances allow, does well, acts nobly; angels could do no more.—Young.

## Electric Fire Logs.

Electric fire logs, which have been used on the stage for several years, are now available for other uses. These fire logs are made of imitation wood, consisting of three or more logs naturally grouped for interior fireplaces and outdoor campfires. The logs are of translucent material and asbestos, re-enforced with metal, and are made hollow for the insertion of electric bulbs. The bark and cut ends of the logs are artistically designed and hand-painted to give the natural appearance of partially burned logs.

By shading the translucent and opaque parts properly and providing for reflection from below, the logs, when illuminated, glow with the natural bright and darker shading of burning wood logs. The fire logs can also be obtained in the form of a large wood log with imitation ash heap, for large old-fashioned fireplaces.

## Grain Grading School.

In Portland, Ore., a new kind of school has been started which has no truant officer, gives no degrees and is attended by young and old—college graduates as well as some who didn't go through high school. It's not a large school—only 36 at last reports, who meet once a week for an intensive course in grain grading, because they are interested in grading grain under federal standards, administered by the United States department of agriculture. The school is held once a week outside of business hours in the office of the federal grain supervisor. Among the students are grain dealers, dock superintendents and foremen, and state grain men.

## Limits.

"Prohibition will not prevent the moon from getting full," remarked an exchange. Nor the bases, we may add. Neither will it prevent the fog from getting dissipated.—New Haven Register.

## FERTILIZERS

and  
Fertilizer Materials

Mixed goods for spring shipment; nitrate of soda, dried blood and tankage. Get our prices before buying.

SHULER & SMOAK

22 S. Church St. Phone 647  
Orangeburg, S. C.

## R. M. ROWELL

ELECTRICIAN

Bamberg, S. C.

Six years experience.  
House wiring, Fans,  
Lights, and Electric  
Irons, etc., repaired.

Phone 31.

## TITEHOLD

Cedar Shingle

100 Per Cent. Heart



Sash, Doors, Mantels,  
Lime and Brick

STEEL CORN CRIBS  
Sizes 100 to 3,000 Bushels

... Call At ...

BRICKLES GARAGE

L. B. FOWLER

NOTICE TO DEBTORS AND CREDITORS AND NOTICE OF FINAL DISCHARGE.

Notice is hereby given that the undersigned will file her final accounting as executrix of the estate of David Cooper, deceased, on the 12th day of January, 1920, at 11 o'clock a. m., with the judge of probate of Bamberg county, and will at the same time apply to the judge of probate for letters dismisory as such executrix.

And notice is hereby given to all persons having claims against the said estate to file the same duly itemized and verified on or before the 1st day of January, 1920, and all persons indebted to said estate will make payment to the undersigned.

MILLIE COOPER,  
Executrix of the Estate of David Cooper, Deceased. 1-3

MAXTONE—The guaranteed tonic for chills, fever and malaria. 25c and 50c bottle.

## RILEY & COPELAND

Successors to W. P. Riley.

Fire, Life

Accident

INSURANCE

Office in J. D. Copeland's Store

BAMBERG, S. C.

BUY WAR SAVING STAMPS

Raid The Herald, \$2.00 year.

## R. P. BELLINGER

ATTORNEY-AT-LAW

General Practice in All Courts.

Office Work and Civil Business a Specialty. Money to Lend.

Offices in rear over Hoffman's Store.

BAMBERG, S. C.

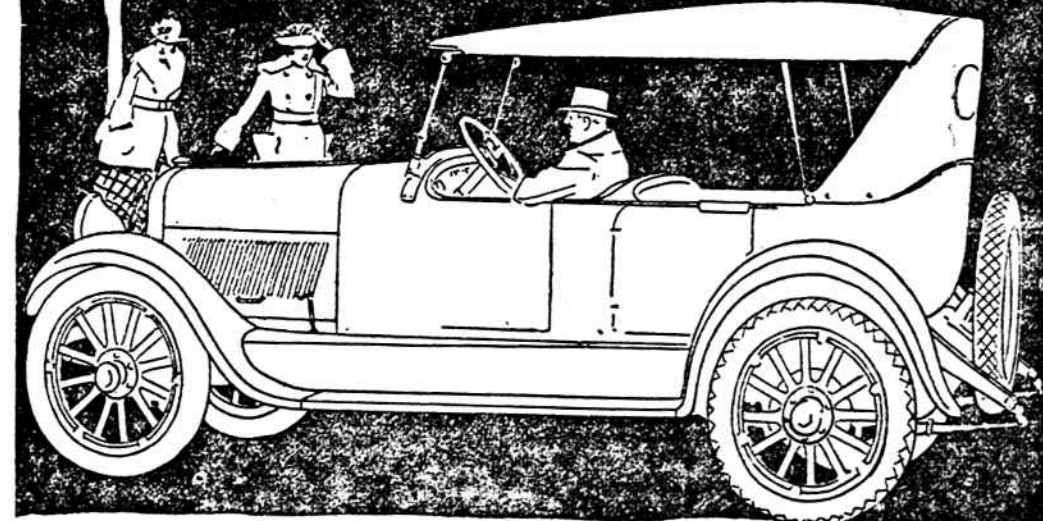
MAXTONE—The guaranteed tonic for chills, fever and malaria. 25c and 50c bottle.

MAXTONE—The guaranteed tonic for chills, fever and malaria. 25c and 50c bottle.

## No Worms in a Healthy Child

All children troubled with worms have an unhealthy color, which indicates poor blood, and as a rule, there is more or less stomach disturbance. GROVE'S TASTELESS chill TONIC given regularly for two or three weeks will enrich the blood, improve the digestion, and act as a General Strengthening Tonic to the whole system. Nature will then throw off or dispel the worms, and the Child will be in perfect health. Pleasant to take. 60c per bottle.

# PAIGE



THE MOST BEAUTIFUL CAR IN AMERICA

If you contemplate purchasing a Paige car let us suggest that you book your order immediately. Our dealer is anxious to serve you but his allotment is limited and orders must be accepted on a strict priority basis.

Even a brief inspection of the new series "Linwood" five passenger model will explain why this car is so universally popular. Why not make this inspection today—and solve your automobile problem permanently.

PAIGE-DETROIT MOTOR CAR COMPANY, DETROIT, Mich.

THOMAS BLACK CO.  
BAMBERG, S. C.

Ford

THE UNIVERSAL CAR

## Whether Cotter Pin or Complete Overhaul

You can get it in our sales and Service Station. We are authorized Ford dealers. In our stockroom, we carry every part that goes into a Ford car or Ford truck. They're genuine Ford parts too—each made of the same tough, durable Vanadium steel as its counterpart in the Ford car. Our special Ford repair shop is thoroughly equipped with specially designed tools and up-to-the minute machinery so that repairs, adjustments, or complete overhauls for Ford cars can be handled promptly and efficiently.

Our mechanics who will do the work on your Ford cars, or trucks, understand the Ford mechanism and know the right way to tune it up. And for the work you will pay only the reasonable Ford prices.

We are a part of the Big Ford Family and not only repair Fords but sell them as well. We have more than a passing interest in the service we give you. Drive to our garage when your Ford needs repairing. For safety's sake have the Authorized Ford dealer do it.

Touring	.....	\$525.00	Tax.....	\$21.66
Runabout	.....	500.00	Tax.....	20.63
Coupelet	.....	650.00	Tax.....	26.81
Sedan	.....	775.00	Tax.....	31.97
Chassis	.....	475.00	Tax.....	19.59
Truck	.....	550.00	Tax.....	13.61

These prices are f. o. b. Detroit, Mich. The freight to Olar is \$40.33 on each style. \$75.00 and tax extra for self starter. \$25.00 and tax extra for demountable rims.

# Rizer Auto Company

OLAR, SOUTH CAROLINA

Insist on Genuine Ford Parts.