# Through a **Sieve Woven Finer** Than Silk

Raw materials of which portland cement is made come out of the ground usually as solid rock.

They must first be crushed, ground and reground until at least 85 per cent of the resulting powder will shake through a sieve that will actually hold water.

This sieve is considerably finer than the finest silk fabric. It has 200 hair-like bronze wires to the inch. That means 40,000 holes to the square inch.

But the several crushings and grindings necessary to reduce solid rock to this extreme fineness are only the beginning of cement making.

The powdered materials must then be subjected to intense heat for several hours in huge rotary kilns. Here they are half melted and become a substance much harder than the original rock-clinker, it is called.

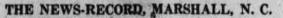
Then the clinker must be crushed and ground until at least 78 per cent of the resulting product will pass through the sieve woven finer than silk. This is portland cement.

More than 80 power and fuel consuming operations are necessary in cement making. The electric power alone used in producing a barrel of portland cement would, if purchased at usual household rates, cost \$1.70.

Few manufactured products go through so involved or complicated a process as portland cement. And it sells for less per pound than any comparable manufactured product.

# PORTLAND CEMENT ASSOCIATION 111 West Washington Street CHICAGO

A National Organization to Improve and Extend the Uses of Concrete Los Angeles



SAYS COAST LINE

BATCH OF 12 OPINIONS IN

SECOND FILING.

Employe Was Being Transported From

**His Work to Plymouth By His** 

Foreman

In a dozen opinions, comprising the

second Fall filing, the North Carolina

Supreme Court held that the Atlantic

Coast Line was not at fault in 1918

when an employe was injured in a

collision between a rail gas car and

an automobile when the employe was

being transported from his work to

The appeal was by the plaintiff Hay-

wood Gardner from a judgment of non-

suit in Washington county at the

hands of Judge John Kerr at the April

(1923) term of court. According to

the facts in the case, Gardner was a

section hand on the Atlantic Coast

Line and on the day of the accident

quit work at noon and was carried to

Plymouth by his foreman, R. U. Rob-

ertson, on the gas car used by the

railroad. The accident occurred at a

grade crossing and Gardner, it was al-

leged, was permanently injured. The

railroad paid his hospital bill and ex-

Justice Heriot Clarkson, writing the

"From the facts, we can see no duty

that the defendant owed the plaintiff

that it failed to discharge. It was a

that one man showing to another by

borrowing the defendant's motor car

and the use of its tracks to do a neigh-

borly act. Now shall the defendant

respond in damages? We cannot so

hold. The foreman was not acting, at

the time, in the scope of his employ-

ment. He was not about his master's

business but doing a kindly, generous

act on his own responsibility. The

accident was unfortunate and deplor-

able but we cannot charge negligence

Opninions filed by the court were:

Jessup v. Nixon, Perkuimans; error.

Paint and Lead Works vs. Spruill,

Mann v. Archbell, Edgecombe! af-

Winstead, et al., v. East Carolina

Ry., et al, Edgecombe; error on plain-

tiffs' appeal: new trial on defendants'

Rogers v. East Carolina Ry. Co. et

Carstarphen v. Town of Plymouth

and duty to these defendants.

Washington; new thial.

Washington, affirmed.

al. Edgecombe; no error.

et al, Washington; affirmed.

firmed.

appeal.

pense of treatment in Richmond.

opinion of the court said.

might be filled out.

JUSTICE

HERIOT CLARKSON

Raleigh.

Low Fire Loss in North State. "A high water mark for low fire loss record" was the paradoxical epigram used by State Insurance Commissioner Stacy W. Wade in announcing that the fire in North Carolina in August was \$84,689 from 88 fires, as compared with the former low record of June, 1922, when there was a loss of \$105,908 SUPREME COURT HANDS DOWN

in 96 fires. In August, 1922, there were 126 fires, representing a loss of \$221,298, according to records.

Analysis of the detailed first report issued by Commissioner Wade shows total property at risk in August, this year, is valued at \$1,526,000, on which insurance was carried in the sum of \$1,325,000. Of the total loss of \$84,689, \$56,000 was due to seasonal and extra hazardous risks in a relatively small number of fires, according to the report, which gives as losses in this class a saw mill and lumber plant, burned at a loss of \$35,000; fires due to lightning, \$11,000; and to-

bacco curing barns, \$11,500. The actual normal fire loss was given as \$27,189. Of this loss, 38 town and six rural dwellings had a damage of \$21,664, leaving the normal fire loss in all the factories, stores, warehouses, garages, churches, schools Plymouth by his foreman in order that and other buildings at \$5,525, accordhis selective service questionnaire ing.

> Besides the destruction of one store by lightning, there were only three store fires in August and the total loss in these totaled only \$125, the report stated.

Not a single hotel fire was reported in August, although there were hundreds of mountain, seashore and spring resorts open besides the regular commercial hostelries. In this connection Commissioner Wade said: "If every month could show the absence of high losses from business and industrial fires as had the month of August, North Caroling would be at the head of the national fire loss list every month, as it does this month. and millions of dollars would be saved in both property and insurance costs. It shows every month that the masses of the people are being most careful with fire, while the losses really come kindly, gratuitious and friendly act from the business population, generally conceded to be the promoters and conservators of wealth and progress, and more largely concerned for safetyfirst providence."

Out of 106 organized fire department towns and cities in the state, the total fire loss was \$19,000, an average of \$175 per city, with not a single fire in the \$5,000 and more class, stated the report.

One hundred and twenty-four towns and 26 counties reported no fire losses and were placed on the insurance d > partment's honor roll. Durham and Henderson went on the honor roll for the second month in succession. Among the other towns and cities re-Gardner v. R. R. Administration, porting no fires, were Goldsboro, Wilson, Greenville, Washington, Elizabeth City, Oxford, Clinton, Concord, Monroe, Gastonia, Lumberton, Mount Airy, Lenoir, Lexington, Salisbury and Statesville. Among the counties placed on the honor roll were Wake, Gaston, Davidson, Iredell, Rockingham, Robeson, Haywood and Lee.

Structures involved in fires were given as follows: Dwellings, 44; stores, 4; factories, lumber plants, gaunstored automobiles, thre

# Mrs. Bolling Gained 25 **Pounds in Sixty Days**

nealth, adding twenty-five pounds to lbs. I could scarcely eat or sleep at all. her weight within two months time, was recently related by Mrs. L. R. Bolling, 225 North Dawson Street, of two months I was in perfect health Raleigh, N. C. "I suffered from stomach trouble

and chronic indigestion which kept me in such a weak, nervous run-down condition for two years that I could not attend to my household duties. Gas gists. Accept no substitute. Over 37 would form in my stomach, causing million bottles sold. bloating, splitting headaches and suf-

focating spells when I would get so around the heart worried me half to everywhere.

How Tanlac restored her to perfect | death and I fell off from 140 to 115 "In a drug store I happened to hear of Tanlac, and began taking it. Inside and had gained twenty-five pounds,

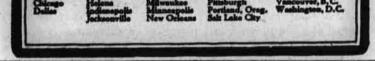
and now I feel better than in years. Tanlac is the best stomach medicine made, I belleve."

Tanlac is for sale by all good drug-

Tanlac Vegetable Pills are Nature's dizzy I would almost fall over. Pains own remedy for constipation. For sale



as to suggest that this was once a helped to forget their sufferings and favorite retreat of the proverbial are less in need of narcotics to quiet goose that laid the golden eggs. Mattheir shattered nerves. The radio ter-of-fact prospectors, however, have goes far toward carrying into the sought to find the veins from which wards the gayety and cheer that have such masses of gold, loosened by the been hitherto only for the healthy

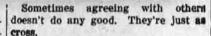


Careless Cat. Mr. B. writes: "Three-year-old Allan had been put to bed for his regular afternoon nap. While lying there trying to hold off the sandman his pet cat jumped upon the bed and remained there purring loudly. After gazing at it a few minutes Allan exclaimed, "Hey, you! Why don't you shut off your motor when you're standing still."-Boston Transcript.

Watch Cuticura Improve Your Skin. On rising and retiring gently smear the face with Cuticura Ointment. Wash off Ointment in five minutes with Cuticura Soap and hot water. It is wonderful what Cuticura will do for poor complexions, dandruff, itching and red, rough hands.-Advertisement.

Life is a Game. "People are just like cards." "Eh ?"

"I've had deuces help me out and queens throw me down."-Louisville Courier-Journal.



WOMEN CAN DYE ANY GARMENT, DRAPERY

Dye or Tint Worn, Faded Things New for 15 Cents.



Don't wonder whether you can dye or tint successfully, because perfect home dyeing is guaranteed with "Diamond Dyes" even if you have never dyed before. Druggists have all colors. Directions in each package.-Advertisement.

Much of the democracy we talk of consists in the right to vote more taxes.



Bartholomew v. Parrish, Nash; ne trial. Allen et al v. Stainback, Vance;

affirmed. Hubbard Co. v. Brown et al, Hert-

ford, no error.

In Re Will of Gulley, Wayne, af firmed.

Moore v. Rossar and Cameron, Har nett; affirmed.

## Highway Commission in Session.

The state highway commission met in its regular monthly meeting, handling only routine matters connected with the daily job of building good roads. All members were present except Commissioner W. A. Hart. The meeting was described by Com-

missioner John Sprunt Hill as one of the most uneventful yet held, as it affected developments of news interests. No delegations appeared and the commissioners spent the entire day conferring over organiaztion matters.

#### To Pay Off Bond Issues.

North Carolina will pay off its bond issues with proceeds from automobile license and gas taxes, Secretary of State W. N. Everett said here.

Durham .-- Gen. Julian S. Carr, for-Mr. Everett asserted that the peomerly commander-in-chief of the Unitple should co-operate more with the ed Confederate Veterans, announced officials in the enforcement of the his resignation as president of the auto license laws. Every cent realiz. North Carolina Old Soldiers' Home at ed from the licensing of automobiles, Raleigh, the resignation having been the official said, saves that much in sent to Governor Morrison several taxes to the people and leaves that days ago, effective immediately. Genmuch more for the further conduct of the good roads program. If tax vising the operation of the Home afpayers who have come up and paid ter more than 25 years of close contheir license taxes would only report nection with it. It was the General those who have not done so, then who was largely responsible in getthey would help themselves for there ting the charter for the institution would then be this additional money from the State legislature in the for roadbuilding. early '90's.

### Governor Grants Parole.

John Shuping, of Burke county, sentenced last March to 12 months on the ing all of the states in the Southern county roads for violating the liquor Division in subscriptions to the Japalaws, was given a parole by Governor nese Relief Fund." reads a letter from Morrison. The recommendation of the Atlanta headquarters of the Amthe trial judge and solicitor and sev- erican Red Cross

eral prominent citizens of Burke county, and the further fact that he has 412.06. Additional subscriptions rea sister and her family dependent ported were: New Hope Sunday school upon him, were responsible for the Rich Square, \$7; J. R., White, Bunn, parole. The case was presented to \$4; Mrs. C. R. Jones, 'Comfort,' \$1; the governor by Representative Irwin, Town of Apex collected by ladies, of Burke county.

each, with nominal losses; churches, one, by lightning.

Causes or types of fires were given as follows:

Tobacco curing barns, 19; shingle roofs and defective flues, 17; unknown, 14; lightning, 8; smoking, 4; oil stoves, 3; adjoining building, 5.

The fire loss for August for the United States and Canada, according to information received and announc-

ed by the state insurance department, approximated \$24,474,300, representing an increase of over \$3,000,000 over the fire losses for the same month last for you! year, but a decrease of more than \$3,trary to conditions in North Carolina, it was said, much of the increased loss sured .- London Answers. was attributed to seasonal fires in summer resort hotels scattered over the United States and Canada. The fire loss in the United States and Canada for the first eight months of this year was announced as \$274,016,250. representing an increase over the same period of last year of about twentyone-million dollars.

General Carr Quits as President.

world outside. Inasmuch as all doctors agree that many drug addicts acquire the addiction during convalescence in hospitals, this achievement becomes one of the most important that has thus far been set down to the credit of the radio. The radio may remain a toy or a jest for the healthy and cynical. It has already established itself as a heaven-sent blessing for shut-ins .- New York Tribune.

### Practical Evidence Wanted.

Lovesick Youth-I glady would die

Practical Maid-That's nice; but 000,000 from July, this year. Con- please wait until after we are married and you have your life heavily in-

> During the Discussion. "Bah, you have no religion." "Yes, I have a religion, but I don't get mad over it."

weather, were washed into the stream beds. Their search has not been successful, and J. M. Hill, a United States geologist of the Department of the Interior, in a report just published, suggests that the nuggets came from rich superficial pockets in very small veins, and that no large and rich deposits are likely to be found by deep mining. The Coast ranges of California, unlike the Sierra Nevada, are not rich in gold, and the occurrence of these large nuggets does not necessarily indicate the existence of a rich deposit of gold ore.

#### The Bright Side.

"Any luck on your fishing trip this morning?"

"No. Didn't get a bite." "That's too bad." "Not at all. It's just as well. If I'd

caught enough fish for dinner the wife would have made me clean them and I hate that job."

A natural source of vitamins

Grape-Nuts with milk or cream

Contains every element perfect nutrition a complete food

Leads South in Subscriptions. "At present North Carolina is lead-

The Raleigh fund climbed up to \$5,-\$101.30; Woman's Club of Cary. \$5 88.

eral Carr gives up the work of super-