

### Rail Labor Board Holds Farming Out Work Illegal

Decisions in Three Cases Declared Practice Attempt to Evade Provisions of Transportation Act.

Chicago, Oct. 5.—The United States railroad labor board handed down three decisions holding, as in former cases, that the contracting of railroad work to outside agencies was illegal because the practice attempted to evade the provisions of the transportation act.

work was customary but the board ruled against the practice. The third case investigated the New York Central railroad, the lahorhood of railway and shop clerks maintaining that the carrier contracted its freight handling to the New York Marine company and to William Brown & Sons at certain points in New York city. This case was also decided against the road.

#### Reese Duroc Farm Plans Special Hog Sale Saturday

A special stock sale will be held Saturday afternoon at 1 on the Reese Duroc farm, Ft. Calhoun, Neb. Mr. Reese has been in business many years in Omaha as the Reese Optical company. Fifteenth and Harney streets. The hogs raised on his Calhoun farm are rated among the best in Nebraska.

#### Youth Shot for Plucking Flower Dies of His Wound

Cecil Norris, 19, 502 North Eighth street, who was shot September 5 in an argument alleged to have started over his plucking of a flower at 506 North Eighth street, died of his wounds yesterday in Josie Edmundson hospital. John Hallos, 806 North Eighth street, is being sought for the shooting.

### RADIO Voice Over Radio Becomes Possible

#### New Water-Cooled Tube Develops 100 KW; Telephony May Soon Be Invented.

Washington, Oct. 5.—A super vacuum transmitting tube, which brings this country again to the fore in radio development, has just been perfected by the Bell System Research Laboratories. It is a 100-kilowatt water cooled tube and takes precedence over all the vacuum tubes perfected during the last few years which depended upon the thermal radiation and were therefore limited in output to from one to five kilowatts when used as an oscillator. Engineers of the American Telephone and Commercial Telephone company have even surpassed the tube recently brought out by Prof. Irving Langmuir of the General Electric company, capable of delivering 20 kilowatts if high frequency current and also water cooled.

#### Around World.

Although the American Telephone and Telegraph officials will make no predictions as to the future uses of practical applications of the new tube—the largest in the world—they should now be able to transmit code messages around the world from WDAY, AT&T station, New York City, with two such tubes in parallel and it is probable that with two or four tubes the human voice could be sent across the Atlantic. Ten of the Langmuir 20-kilowatt tubes in parallel, it has been estimated, would be required for transoceanic communication.

Besides the high power of the tube, great economies in eliminating equipment, saving both space and cost, are promised when the 100-kilowatt tubes become commercialized. Uninterrupted long distance communication is assured in the near future due chiefly to the method of cooling this high powered tube and the scheme for hermetically sealing the copper and glass parts, itself an achievement of considerable importance.

#### Sparks

Washington—For the information of radio users the Postoffice department has announced the call letters of all radio stations used for air mail, postoffice business and broadcasting. The stations and their letters are as follows:

Washington, WVK; Hazlehurst, WWU; Bellefonte, WWQ; Cleveland, NRH; Chicago, NAL; Iowa City, KDTS; Bryan, O., KDEL; Omaha, KDEF; North Platte, KDHM; Cheyenne, KDEG; Rock Springs, KDHN; Salt Lake City, KDEH; Elko, KDEJ; Reno, KDEK; San Francisco, NPG.

Amateurs who can receive code can read the market and weather reports sent out from the Postoffice department stations.

The use of a horn in connection with the telephone receivers generally does not give good results unless the signal can be heard well at least one or two feet from the telephones without use of the horn.

#### Free Board Discontinued by Burlington at Plattsmouth

Plattsmouth, Neb., Oct. 5.—(Special)—Discontinuance of the free board and lodging for men employed in the Burlington shops here is now effective. Weekly meal tickets are being distributed among the employees, good at the Grier camp, which has charge of feeding, for \$7. Discontinuance of the free board and a general cutting down of Sunday and overtime work for which they were paid time and a half, has resulted in a number leaving within the past few days. The striking shopmen here are holding out with the exception of a very few, who have returned to work.

### Bride-to-Be Has Change of Heart; Balks at 'Altar'

#### Young Omaha Couple Obtains License to Wed After Many Failures—Then Girl Refuses.

After following her lover through triple vicissitudes in obtaining a marriage license in Council Bluffs late Wednesday afternoon, a beautiful young Omaha girl balked at the altar—and the ceremony was not performed.

The "do or die" bridegroom-to-be was Herman F. Marple, 26, employe of Bradley-Merriam-Smith company of Omaha. The bride-to-be was Althea N. Techarner, 22, a vivacious brunette.

Five minutes before closing time they appeared in the clerk's office at the Post-Exchange county courthouse and sought a license. "You must have a witness," Edwin Fuller told them.

"They went downstairs. In the lobby Marple met a large, jovial-looking farmer.

"Will you witness for me to get a marriage license?" he pleaded.

"Shucks! Another delay. The farmer consented. When they arrived upstairs again, the clerk's door was closed. Considerable knocking effected them an entrance, but when the kind-hearted farmer learned he must sign his name to an oath concerning the girl's age, her pre-

vious marital record and the like, he balked. The couple started out again. Half way up Pearl street Marple spied a taxi. He recognized the driver as Harold Buzzard, who consented to fill in the breach.

Back to the courthouse they drove, in Buzzard's cab, but the clerk's office was closed.

In the lobby this time they met a newspaper man.

"Where can we find the clerk?" the lovers begged.

"He just went up the street," they were told.

Mr. Fuller returns.

"Lead us to him. We want to get married," they returned, so he did, and Fuller graciously came back with them to the courthouse, where at last they were issued the desired license.

It slipped that their friend in need was a newspaper man, and right away the bride-to-be became panicky.

"Oh, I don't want anything in the paper," she pleaded. "You see, I'm going on my vacation tomorrow and we were getting married very secretly. If it's in the paper my mother would find it out."

Her fears were partially calmed and the couple faded over to the home of Justice Hollis, where the knot was to be tied.

You Never "Kin" Tell.

But at the altar, the girl shied again and, after a violent squabble, the bridegroom to be entered the license in one hand, the girl with the other and strode out.

The wedding bells did not ring.

#### Teachers Hold Institute

Nebraska City, Neb., Oct. 4.—(Special)—The Otoe County Teachers Institute opened a two-day session here in the high school auditorium.

#### Two Die of Burns.

Chicago, Oct. 5.—Max Spector and William Lyons died yesterday as the result of burns and injuries received when a large still blew up on the northwest side.

#### EXCELSIOR SPRINGS MISSOURI'S NATIONAL RESORT

BEST RECREATION and RESTORED HEALTH await you here. 29 Mineral Springs and 15 Bath Houses. U. S. Hospital. Complete physicians. 18-hole Golf Course. Horse back riding. Write Commercial Club for full details.

date, good music and clean amusements. Parks and Boulevards. Accommodations to fit your purse. An hour's ride from Kansas City. We welcome you.

## Through a Sieve Woven Finer Than Silk

Portland cement, to meet the exacting specifications of leading engineering societies and the United States Government, must be ground so fine that at least 78 per cent will pass a sieve having 200 wires per linear inch. A silk handkerchief has but 110 threads per inch—an excellent quality of silk dress goods 187 threads.

The watch in your pocket hardly calls for a more complicated and carefully adjusted process of manufacture than the making of cement.

Grinding is only one of the many operations required to make it. Yet in grinding alone, see what is required:

The rocks from the quarry, often as big as a piano and heavier, go first into a gigantic "coffee mill." It bites at these huge chunks, chips them, and finally crushes them—to pieces six inches or so in diameter.

Two finer mills follow, one after the other, reducing the stones to the size of coarse sand. After this, they must be ground in a great revolving cylinder half filled with steel balls, until every cubic foot of the rock has been reduced to 14 billion pieces—until 85 per cent of them will shake through a sieve that will actually hold water, a sieve with 40,000 holes to the square inch.

And all of this is less than half the necessary grinding. The coal must be ground. For the object of all this fine grinding of the raw materials is only that it may be fused into crystalline clinkers. And to fuse it requires pulverized coal—or its equivalent. Most plants use pulverized coal.

The coal must be ground as fine as the raw stone. Eighty-five per cent of it or thereabouts must go through the sieve that holds water. And that often means two grinding operations.

There is still the clinker to be ground. It is glass-hard to begin with. It must be ground first to the fineness of sand, and then ground and reground in another cylinder of steel balls—until at least 78 per cent of it will go through the sieve woven finer than silk.

Huge bowlders to an impalpable dust. Common coal to an impalpable dust, and finally, after the burning, glass-hard clinker to an impalpable dust. That is the making of cement. And eight heavy grinding operations are required in the process.

Grinding is only one of the lesser heat and power consuming operations in cement manufacture.

#### PORTLAND CEMENT ASSOCIATION

A National Organization to Improve and Extend the Uses of Concrete

## Shoe Repairing \$2.50 We Feature \$2.50

Full new soles and Wingfoot rubber heels, inclusive; all necessary extras to bring your shoes to their original comfort, for—

Mail Orders Have Our Prompt Attention **\$2.50** HALF SOLES Men's, \$1.50 Ladies', \$1 and \$1.25 Child's, 85c to \$1

### Standard Shoe Repair Co.

1619 Farnam St. Tel. AT 8481  
Downstairs, Omaha, Neb.

#### ADVERTISEMENTS MEN BLIND TO WOMAN'S SUFFERING

How many men, think you, have any idea of the pain endured by the women in their own household, and often without a woman? They have no idea when the overworked wife and mother begins to get pale, have headaches, backaches, faint spells, or is noticeably and constantly sleep. There is help for every woman in this world, and it is obtained by the simple, very little of recommendation which we give constantly publishing in this paper the Little's Pinkettes' Wonderful Cure. It will cost you only 25 cents, but will give you relief from such ailments as give you a...

#### BUY A GARLAND PIPELESS FURNACE

AT **A. R. Bowen & Co.**

"THE VALUE-GIVING STORE"  
Howard St., Bet. 15th and 16th.

When in Need of Help See Want Ads

## A. HOSPE CO.'S MAMMOTH TURN-OVER CLEARANCE SALE



**ONE OF THE BARGAINS NOW!**

A USED PIANO \$98

Small Payment Down and a Few Dollars Each Month.

Just think! Brand NEW Upright Piano going at **\$195** EASY TERMS

STORE OPEN EVENINGS UNTIL 9 O'CLOCK

MANY MORE FINE BARGAINS. COME AT ONCE AND MAKE YOUR SELECTIONS WHILE THEY LAST.

## Every Day a Big Day at This Great Turn-Over Sale



Included in this stock are brand new instruments, some slightly used, others returned from rental, many partly paid for—Repossession in their clean-up, and a number of slightly shop worn, in an unexcelled selection. The WORLD'S LEADING MAKES of new and used uprights and player pianos, such as Vose & Son, Kranich & Bach, Steinway, Bush & Lane, Apollo, Mason & Hamlin, Cable-Nelson, Sohmer & Co., Kimball, Davenport-Tracy, Strober, Lagonda, Hinze, Whitney, Hospe and many others—all included in this great sale.

### EXTRA FINE USED BABY GRAND PIANO!

REG. SALE \$1200  
SALE PRICE \$575




USED PLAYER BARGAIN—On sale tomorrow. This used Player Piano, Bench and Twelve Rolls of music, \$2.50 weekly. The price **\$215**

### WAREROOM POLICY

The prices that will be placed on these Pianos are the lowest that we have ever placed on a Piano in the city of Omaha. The terms are absolutely available to all.

You are given choice of the finest Pianos and Player Pianos in the world; you are given a broad, liberal condition of sale, as low as a few dollars down, and you are given the longest possible time to meet payments.

Within one year's time you may exchange the Piano or Player Piano you purchase for any other Piano or Player Piano of equal or greater value on our floors and all payments on the first instrument will be credited in full against the second.



### Brunswick

We carry the largest stock of Victor Victorolas and Brunswick Phonographs and Records in the west.

Open Evenings Until 9 P. M.

## A. Hospe Co.

1513-15 Douglas Street Omaha, Neb.

VICTROLA STYLE X \$125 the world's lowest sale price—**\$57.50**

FREE—Twenty-four Record Selections, Your Own Choice.