

GROGERS WILL CLOSE JULY 4

AGREEMENT REACHED TO CELEBRATE ENTIRE DAY.

Housewives Warned of Plan in Advance to Avoid Grief.

Grocers of La Grande have decided to keep their stores closed all day on July 4th. Just how many other lines of business will do the same thing

Makes Your Bath Twice as Refreshing

NEW KIND OF SHOWER. FITS ANY BATH TUB. NEEDS NO CURTAIN. DON'T HAVE TO DRENCH YOUR HEAD.

Try It 10 Days Free

You can try this new kind of shower ten days free—right on your own bath tub—without having to send a single cent in advance.

You'll find it far more refreshing than a tub bath, whether you take it hot, cold or tepid.

Works on new principle. No clammy curtain to spoil your enjoyment. Can't splash out of tub.

Doing away with all need for a curtain and the elimination of overhead piping and complicated parts is what makes the price so low.

Kenney Needle Shower
Only \$6.00



The only shower of any kind which throws four generous needle-spray streams.

When you stand erect no water touches your head—all strikes direct against the body from the neck down. That makes it about twice as enjoyable as any overhead shower. But you can douse your head if you wish by simply bending a trifle.

A very handsome fixture. All metal. Heavy nickel finish over brass. Nothing to wear out or get out of order. Easily put up. Never in the way.

Don't Send Any Money

Just order on your letterhead or enclose business card or reference and you'll get the shower complete and prepaid for ten days' free enjoyment. If you want to keep it, simply send \$6 in full payment; if not, simply return the shower. Better write for the free trial today.

Reddan Specialty Co., 738 Chamber of Commerce, Portland, Ore. (Responsible Agent Wanted.)

TELEGRAPHY

LEARN TELEGRAPHY DURING VACATION

If you want to learn telegraphy at home during vacation telephone

Red 1961. Good Pay Big Demands

Uncle Sam's Loan Office

Loans Money on WATCHES, DIAMONDS, GOLD, JEWELRY. We sell unredeemed pledges less than wholesale prices. We sell clothing, shoes, suit cases, furniture, furnishings at very low prices. 1111 Adams Ave., Foley Bldg.

is not announced yet. The grocers however reached an early decision that housewives and hotels can be prepared for the two-day holiday which the grocers will take—Saturday and Sunday.

Mill to Close.
Closed all day July 4th. That's the day we all celebrate, get your feed and flour before that date.
Respectfully yours,
La Grande Milling Co.

FORDS TO CARRY PARK PATRONS

Details for the Ford transportation service to Riverside park during chautauqua week have been closed up between the committee in charge and members representing Ford owners. This service was immensely popular two years ago. F. W. Pattison and Claude Mackey are managing the Ford end of the arrangements. Round trip tickets for 25 cents are provided with the requirements that they be for the way purchased—in other words round trips

brought in La Grande means to the park and back at any time during the week, and visa versa. A going ticket cannot be taken on a coming trip.

This transportation method means prompt, efficient, safe and cheap services—a condition that under the circumstances is always desirable to patrons of the chautauqua.

Following is the program for Chautauqua week.

- OPENING DAY, FRIDAY, JULY 3.**
7:30—Prelude. Contralto Solo, Mrs. Lulu Dahl Miller.
8:00—Lecture, "The New Chinese Republic," by Ng Poon Chew, Chinese Editor and Scholar.
- INDEPENDENCE DAY, SATURDAY, JULY 4**
10:00—Band Concert by the La Grande Band.
11:00—Patriotic Solo, Mrs. Lulu Dahl Miller.
Address, "A Trinity of Power," by Dr. L. G. Herbert.
12:00—Picnic Dinner.
1:00—Band Concert.
2:30—Concert by Ferguson's Dixie Jubilee Concert Company.
4:00—Band Concert by La Grande Band.
7:00—Band Concert.
8:00—Concert by Ferguson's Dixie Jubilee Concert Company.
- SUNDAY, JULY 5.**
10:00—Sunday School; Special Music.
11:00—Devotional Service.
Special Music by Mrs. Lulu Dahl Miller and the Treble Clef Club.
Sermon, "The Wonderful Vision," by Dr. F. G. Brainerd.
2:00—Concert by the Dixie Jubilee Concert Company.
3:30—Lecture, "A Trinity of Power," by Dr. L. G. Herbert.
2:00—Concert by the Dixie Jubilee Concert Company.
- GOVERNORS' DAY, MONDAY, JULY 6**
9:00—Children's Hour.
Domestic Science, Miss Edith Hunt in charge.
11:00—Bible Study Hour. "The Bible, Its Origin and Text."
2:00—Musical Prelude by Mrs. Lulu Dahl Miller and the Treble Clef Club.
2:30—Address by Hon. Frank M. Gill, Progressive Party Nominee for Governor.
3:00—Address, "A Greater Oregon," by Hon. Jas. Withycombe, Republican Party Nominee for Governor.
3:30—Address by Hon. C. J. Smith, Democratic Party Nominee for Governor.
4:00—Address, "Why I Want to Be Governor of Oregon," by Hon. W. S. U'Ren, Independent and Prohibition Party Nominee for Governor.
7:30—Musical Prelude by Mrs. Lulu Dahl Miller, Contralto Soloist.
8:00—Program to be rendered by local talent, assisted by Mrs. Lulu Dahl

MAKING A BIG GUN

One of the Amazing Conquests of Modern Engineering.

WEAPONS WITH SHORT LIVES.

The Monster Twelve Inch Rifles Are Useless After Firing a Hundred Rounds, and That in Actual Time of Shell Passage Means Three Seconds.

In the manufacture of big guns the engineer has certainly achieved some of his most daring conquests, for it is doubtful if there is anything more wonderfully fashioned or scientifically constructed than the monster weapons found on the latest battleships and in large forts.

From their muzzles they are capable of launching into space shells weighing as much as half a ton at a speed of thirty-five miles a minute, or 2,100 miles an hour. These death dealing missiles may be so designed as to burst after they have forced their way through a ship's side or immediately they strike an object or at some point during their flight.

The big gun itself consists of several tubes, or cylinders, slipped over one another and named after the letters of the alphabet. "A" is inside and scorched by the powder gases. "B" goes over "A," and so on, the outside tube of all being known as the jacket.

Each separate tube, or cylinder, is fashioned in much the same way. In the case of the "A" tube for a twelve-inch gun a huge solid steel ingot is cast, weighing upward of thirty tons. The ends having been cut off, the ingot is mounted in a lathe, and a tube-like "trepanning" borer removes a long core from the center. The ingot is then dismounted from the lathe and heated. A long, hollow bar somewhat smaller than the destined bore of the gun is passed through the central hole, and the ingot is placed under a 2,500-ton forging press, which gradually thins and draws it out along the bar, which is kept cool by water circulating through it. After being turned outside and bored inside the tube has to be tempered, and this is done by dipping it into a tank filled with thousands of gallons of cottonseed oil.

As it would be impossible to slip the "B" and "C" tubes over the "A" tube when cold, this difficulty is got over by heating them. The work, however, requires great care and constant attention. The heated cylinder, of course, decreases in length as well as in diameter as it cools, and, unless great precautions are taken, it would naturally cool at the ends first, and cause the central part of the tube to cool in a state of dangerous tension. To avoid such a thing happening one part is cooled artificially by means of water jets, while the other portions are heated by gas flames.

We now come to the wiring process. Layers of fibron-like steel wire are wound outside the innermost cylinder but one, as metal arranged in this manner withstanding bursting strains better than any other device. A

twelve inch gun consumes no fewer than 120 miles of wire, one-quarter inch wide and one-sixteenth of an inch thick.

That the shell may travel "business end" foremost throughout its journey it must be given a twisting motion round its axis—in other words, be made to spin. This rotation prevents its turning head over heels, as it undoubtedly would do if not spinning, and makes it travel farther and more accurately. The spinning motion is brought about by rifling—the cutting of spiral grooves in the bore, or inside of the gun. This is done by a long, hollow steel rod, which carries three tools at the end and cuts three grooves at once.

As the rifling comes so near the end of the manufacture of a big gun it must be conducted with the greatest care, for a single badly cut groove would spoil the gun, now representing perhaps \$50,000 in work and material. Indeed, extreme care and accuracy characterize every process in the making of heavy ordnance. The steel for the tubes is made carefully; the ingots are cast carefully and forged carefully. Every tube is bored and turned to the five-hundredth part of an inch. Though a twelve inch gun is nearly twenty inches thick over the powder chamber, each of its various jackets must have its proper tension in order to receive its fair share of the shock of explosion.

Finally, there is the breechblock—the door through which the shell is inserted. It moves on a hinge and is a very massive affair, weighing about half a ton. Thanks to the presence of certain levers and the perfection of the workmanship, any one who has the knack can move it quite easily. It can be slammed and locked in about five seconds. The door gives entrance to the twelve foot chamber where the shell is placed.

The active life of a gun is made up of the total of the very short periods occupied by the various shells passing through its bore. The bore of a twelve inch gun is about forty-five feet long and the average rate at which the shell travels through it is halfway between no motion at all and the muzzle velocity of, say, 3,000 feet per second, or about 1,500 feet per second. The rifling of a big gun is worn out after 100 rounds have been fired, so that the total life is the time taken for a shell moving at 1,500 feet per second to travel 4,500 feet—that is, just three seconds!

Didn't Want to Lose Her.
"Why are you going around in that horrible coat?"
"My wife needs a new gown."
"You shouldn't spend all your money on her."
"Well, if she doesn't get that new gown I'm afraid she'll get a new husband."—Exchange.

What to Take For It.
Smart—I know just what to take for seasickness. Waggles eagerly—Do you? What is it? Smart—An ocean steamer.

Her Dear Friend.
Maud—Jack told me last night that I was beautiful. Ethel—And yet people say Jack has no imagination.—Boston Transcript.

THE UNITED STORE

Is the Home of all Economy Buyers

Because—of our modern system of doing business, co-operative buying for our 70 Big Stores eliminating all heavy, dragging, unnecessary expenses as, credits, deliveries, worthless premiums with trading stamps, traveling men and their expenses—and the buying of all our goods direct from the manufacturer, cutting out the jobber, makes all our prices possible, and this is our reason for underselling all competition.

Ladies' Ratine Skirts,	\$1.98	President Suspenders,	25c
Ladies' Peque and Poplin Skirts,	\$1.49	Khaki Pants,	95c
Ladies' Crepe Corset Covers,	19c, 25c, 35c	Whipcord Pants,	\$1.23
Girls' Middies, all colors,	98c	Moleskin Pants,	\$1.98
White Hats,	25c, 45c	Dress Pants,	\$1.98, \$2.98, \$3.98
New Floral Crepes,	8 1-3c, 12 1-2c, 15c, 19c	Jno. B. Stetson, No. 1 quality Hats,	\$3.45
Muslin Gowns,	39c, 49c, 79c, 89c, 98c	Hats, \$2.50 values,	98c
Combination Suits,	49c, 98c, \$1.49, \$1.69	Boys' Hats,	49c, 89c, 98c
Princess Slips,	98c, \$1.49, \$1.69	Boys' Straw Hats,	19c, 25c, 45c, 98c
Brassiers,	25c, 49c	Men's Dress Straws,	98c, \$1.49, \$1.69
India Linen,	8 1-3c, 10c, 12 1-2c, 15c	Men's Work Straws,	10c, 19c, 25c, 39c, 45c
Hope Muslin,	6 1-4c	Boys' Shoes, \$1.15, \$1.25, \$1.39, \$1.49, \$1.69, \$1.79 and \$1.98	
Berkeley's 60 Cambric,	12 1-2c	Boys' Suits,	\$1.49, \$1.98, \$2.49, \$2.98, \$3.98
American Prints,	5c	Men's Shoes,	\$1.98, \$2.49, \$2.98, \$3.50
Red Seal Zepher Gingham,	10c		
Men's Work Shirts,	25c, 39c, 45c		

70 BIG BUSY STORES **The United Store** WE LEAD OTHERS FOLLOW
J. C. PENNEY CO. Inc.

Miller. Detailed program to be announced later.

- TUESDAY, JULY 7**
9:00—Children's Hour.
Domestic Science.
11:00—Bible Study Hour. "Teachings of Early Old Testament Stories," Dr. F. G. Brainerd.
2:30—Lecture, "Our Human Animal, the Boy," by Dr. F. G. Brainerd.
4:00—Round Table.
Literature Club. "Charles Lamb, the Man Who Smiled Through Tears," by Dr. F. G. Brainerd.
7:30—Prelude by Mrs. Lulu Dahl Miller.
8:00—Lecture, "A Russian Nobleman's Story of Siberian Exile and Escape," by Count Alexander M. Lochwitzky, LL. D., Late Lieutenant-Colonel and Chief of Bureau of the Russian War Office.

- PANAMA CANAL EXPOSITION DAY, WEDNESDAY, JULY 8**
9:00—Children's Hour.
Domestic Science.
11:00—Bible Study Hour. "Studies of Typical Bible Characters." Dr. G. G. Brainerd.
2:30—Concert-Recital by Mrs. Lulu Dahl Miller, detailed program to be announced later.
4:00—Literary Club. "Jean Ingelow, the Poet of the Quiet Hour." Dr. F. G. Brainerd.
7:30—Musical Prelude by the Treble Clef Club.
8:00—Illustrated Lecture, "The City of Dreams," by Dr. Frederick Vining Fisher, Manager Bureau of Lectures, Panama-Pacific International Exposition, 1915.

- FARMERS' UNION AND GRANGE DAY, THURSDAY, JULY 9**
9:00—Children's Hour.
Domestic Science.
11:00—Bible Study Hour. "Some Old Testament Literary Classics." Dr. F. G. Brainerd.
2:00—Special program being arranged by Mr. Claude C. Cates, Union County Agricultural Expert, and County Granges and Farmers' Unions. Details to be announced later.
4:30—Literary Club. "Some Men and Women of Tennyson, the Poet of the Ideal." Dr. F. G. Brainerd.
7:30—Musical Prelude by Mrs. Lulu Dahl Miller.
8:00—Lecture, "Worms Beneath the Bark," by Charles Howard Plattenburg.

- FRIDAY, JULY 10**
9:00—Children's Hour.
Domestic Science.
11:00—Bible Study Hour. "Jesus' Method of Appeal to Individuals." Dr. F. G. Brainerd.
2:30—Lecture by Mr. L. Garrick, "Experiences of a Retired Sea Captain." Dr. F. G. Brainerd.
4:00—Literature Club. "Mrs. Browning, the Poet of the Heart." Dr. F. G. Brainerd.
7:30—Musical Prelude by Mrs. Lulu Dahl Miller.
8:00—Lecture, "The Man Above the Mob," by Charles Howard Plattenburg.

- SATURDAY, JULY 11**
9:00—Children's Hour.
Domestic Science.
11:00—Bible Study Hour. "Study of the Sermon on the Mount." Dr. F. G. Brainerd.
2:00—Lecture, "The Squeal of the Little Pig," by Prof. H. L. Pittman, Head of the Department of Rural Schools, Oregon Normal School, Monmouth, Oregon.
3:00—Concert by the Chicago Glee Club.
4:00—Literature Club. "Robert Browning, the Poet of the Soul." Dr. F. G. Brainerd.
8:00—Concert by the Chicago Glee Club.

- SUNDAY, JULY 12**
10:00—Sunday School.
11:00—Devotional Services.
Soloist, Mrs. Lulu Dahl Miller.
Sermon, "The Call of the Highest," by Dr. F. G. Brainerd.
2:30—Concert by the Chicago Glee Club.
4:30—Literature Club. "Emerson, the Philosopher of the Infinite."
8:00—Concert by the Chicago Glee Club.

FISHERMEN'S LUCK GOOD.

Elegant Baskets Brought Home from Up-river Section Sunday.

Many good catches of trout are reported by fishermen who whipped Union county streams yesterday while those who went to Minam and Wal-lowa were, on the whole less successful. J. J. Carr, Ellis Kirtley and Wm. Seigrist had splendid success in Fly creek. J. G. Snodgrass and Oscar Jackson had good luck up the river, Mr. Snodgrass landing a 17-inch beauty. Art Wenzel and L. M. Hoyt were over on the Minam and report less good luck than those who went up the river.

MISSIONARY VISITS HERE.

Miss Bertha Milligan Home from China to Visit Relatives.

Miss Bertha Milligan, a daughter of George Milligan, is in the city on a visit with her father and family, whom she has not seen for many years. Miss Milligan is a foreign missionary on a leave of absence to the United States on account of ill health. She has spent the past seven years in Japan and China, being located at Tokio and Canton in those respective countries. She expects to return to China in September.

Upholds Income Tax.

Detroit, June 29.—Federal Judge Tuttle has handed down a decision upholding the constitutionality of the income tax law. John H. Dodge, a manufacturer had questioned the validity. The case will go before the federal supreme courts.

SHERRY'S.

The adventures of Kathlyn No. 10 at Sherry's today. Good vaudeville. Brownie & Theresa. A great dancing act.—Adv.

Abloom with the Latest Novelties Just From New York

Do not fail to see the up to date Stove Polish Girdle, priced at . . . 75c
Up to the minute Hand Bag, priced at . . . 75c to \$3.50
New Lawn Collars, very late, at . . . 35c
Shirtwaist cord and tassel, all colors, at . . . 15c
The new hair ornaments at . . . 25c, 35c, 65c, and 175c
Also a large assortment of Beads, at all prices. Come in and let us show them to you.

RELIABLE **GEIBEL'S** DEPENDABLE
MERCHANDISE **GEIBEL'S** METHODS
Department Store