

RELAY SHELL AND BOUNCING BOMB LATEST WEAPONS

Allies Are Already Believed to Be Preparing to Pay German Frightfulness Back in Own Kind.

Shell Carries Small Bombs Which Increase Destructiveness—Bomb Explodes On Its Recoil From Ground.

Paris, Oct. 13.—(By Mail).—(I. N. S.)—The relay shell and the bouncing bomb are the latest German inventions in frightfulness. They have just made their appearance on the western front and it is believed the allies are already making preparations to follow suit and pay the Germans in their own kind.

The relay shell is 16 inches in diameter, roughly, and fired from a naval type Skoda gun, with flat trajectory and high velocity. It is fitted with a contact instantaneous fuse, so that the bursting charge is detonated by a five pound pressure on the nose of the projectile. Striking a piece of newspaper would set off the charge.

Shell Carries Small Bombs
When the shell bursts, it hurls forward about 50 small bombs, the size of hand grenades, which themselves fly a good distance and explode at touch. The effect is much the same as with shrapnel, except that the bombs are a great deal more deadly, each one bursting into 1200 to 1500 parts and scattering bits of steel for a distance of many yards.

The bouncing bombs are dropped by German aviators. They are provided with a resilient base of leather, rubber and rope, which makes them go upward into the air after striking the ground. The special fuse attached causes the bomb to burst when it has reached the pinnacle of its bound, about six feet in the air.

In French towns behind the lines, which the German have raided and dropped bombs upon, there has been no mark on the ground indicating where the bomb landed, but death and destruction have been wreaked in a circle around the spot, where the force of the explosion was felt.

Bombs Do Greater Damage
The French authorities have found butts of the aerial bombs and all are provided with a rubber base—synthetic rubber being used—and the projectiles are wrapped round and round with rope, making them resilient. By exploding in air the force of the

bomb is not wasted in tearing a hole in the ground but scatters its damage round about at a certain height from the earth. Inasmuch as the targets of the raiders are always buildings, the bouncing bombs achieve the maximum damage. The bombs are weighted so that the end with the rubber pad will strike the ground first. The impact with the earth sets in action the time fuse which detonates the bomb a fraction of a second later when the bomb has bounced into the air.

GREASED RAILS TOSS STREET CAR ON SIDE; NOBODY IS INJURED

41 People From Christian Science Church Have Remarkable Escape on East Side.

A special car, carrying 41 people who had been attending a meeting at a Christian Science church, tipped over on its side Wednesday night on Grand avenue between East Burnside and East Couch streets, and nobody on board was hurt.

One passenger, a man, was slightly scratched by flying glass from the broken windows, but refused medical treatment.

Soap on Track Blamed
The accident, which happened at 9:30, was the result of boys soaping the rails as a Halloween prank. The car hit the greased rails with brakes on, the motorman endeavoring to reduce speed before reaching the Burnside street crossing. The soaped track caused the trucks to slew out sideways and with a resounding crash the car toppled over on its side, blocking traffic in both directions.

A squadron of police was rushed to the scene and searched the neighborhood for festive youths with soap and grease, but had no luck. When the accident was reported to headquarters, orders were issued for all police in the city to at once round up youngsters who thought greasing rails was permissible Halloween sport.

Boys Shot in Neck
Streetcar men who investigated the accident said that they believed the car, after sliding on the greased rails, hit a "split switch" that had either been left partly open by a preceding car, or that had been tampered with by boys.

The only other Halloween accident of the evening reported to the police occurred at East Eightieth and Alder streets, where Theodore Stack, 17 years of age, of 1285 East Alder street, was shot in the neck by some householders who objected to "tick-tacks" on his windows and other pranks. The police were unable to find the man with the gun. Young Stack was not seriously hurt.

RED CROSS LEADERS WILL SPEAK HERE NEXT FRIDAY NIGHT

Henry P. Davison and Harvey D. Gibson to Explain How Big Fund Is Administered.

With the second Liberty loan out of the way, the food drive progressing under its own steam or momentum given it at the beginning, interest centers in the coming of Henry P. Davison and Harvey D. Gibson, who arrive Friday to tell Portlanders how the \$100,000,000 war fund is being spent by the Red Cross.

Seven men administer this sum. Henry P. Davison of J. P. Morgan & Co., John D. Ryan, president of the Anaconda Copper company; Charles D. Norton, vice president of the First National bank of New York city; Cornelius N. Bliss Jr., well known New York merchant; Major Carey T. Grayson, M. P. Murphy, vice president of the Guaranty Trust company of New York; ex-officio members, ex-President Taft and Eliot Wadsworth.

All of these members of the council, with the exception of Mr. Taft, are giving their entire time to the work, their task being no light one since their territory embraces the United States, divided into 13 districts, 2700 chapters, and over 4,000,000 members of the Red Cross.

Men returning from the front have told about the 1568 hospitals over seas being maintained by the organization, the supplies accumulated against the day when submarine warfare may cut them off from the base—America—the orphans of war gathered up 500 or 600 at a time, the prisoners fed, but in spite of it all there are murmurs and rumors of dissatisfaction and doubt that only these men, who know where the money goes can clear up satisfactorily to "doubting Thomases."

The speakers will arrive Friday morning at 11 o'clock and will address Red Cross workers at 3 o'clock at the Portland hotel. In the evening there will be a Red Cross banquet at the same place, and at 8 o'clock a public meeting will be held at the Eleventh Street theatre, at which no charge will be made and both Mr. Gibson and Mr. Davison will speak. One hundred and fifty officers and workers from throughout the state will be present.

Pneumonia Claims American Soldier

Washington, Nov. 1.—Private Joseph E. Couture of Burnside, Conn., died of pneumonia in France on October 26, General Pershing reported to the war department today.

Elgin Butter Board Ceases to Exist

Washington, Nov. 1.—(U. P.)—The Elgin butter board has been abolished. A request by the food administration that the board cease its price fixing activities for duration of the war at least, was immediately acceded to by the officers of the board. The suspension is effective at once and in the future the ordinary law of supply and demand will determine butter prices.

COUNTY DISPLAYS AT LAND SHOW GETTING IN PLACES RAPIDLY

Exhibits Will All Be in Readiness for Opening of Big Show Saturday Night.

Seven county displays are in place at the Land Show. Wasco, Polk, Morrow, Crook, Deschutes, Jackson and Douglas each sent its display early and had it placed before the "madhouse" rush would begin. The variety of grains and vegetables is truly remarkable, with an exceptionally high grade of products throughout.

Klamath county will arrive today. Will J. Lee is in the city waiting for the car to arrive from Klamath, the distance being more than 500 miles as the steel rails go. Tillamook and Lincoln counties have promised to have their displays placed this afternoon and tonight.

Washington and Clackamas counties worked four men all night in placing displays and in decorating the space allotted county displays in the manufacturers' pavilion. Practically all the agricultural exhibits will be in place by tonight.

The first working exhibit to be placed was that of the Portland

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Woolen mills, a loom taken from the plant at St. Johns. An expert weaver will be in charge throughout the show, producing cloth such as has made Oregon wool famous. The Portland Cordage company is placing a working exhibit taken from the large rope and twine plant which has been a feature of Portland's industrial life for many years.

The educational display to be made by the creamery men of Portland is fast taking shape. The refrigerating

plant is ready and the construction of the design formed of butter is practically completed. A dozen men have been engaged on the job for several days and the result of their work will be a striking feature of the land show. Plans are being matured for the formal opening Saturday night. It now seems likely that the show will be practically finished and ready for the public at that time. And not a tap was done on the construction at the

Auditorium until Sunday night after the concert.

Two Deer Hunters Succumb in Blizzard

Sheridan, Wyo., Nov. 1.—(I. N. S.)—Al Sutton and William Snyder, deer hunters, were frozen to death in the

blizzard that swept Wyoming and Montana Saturday night and their bodies were discovered yesterday according to word reaching here today. It was the worst storm within the memory of

Infant Divine
Lebanon, Or., Nov. 1.—The infant son of Mrs. and Mrs. Alec Divine of this city died Friday, and the funeral was held at the home Saturday morning.

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FACTS FACTS FACTS

Agencies in Uplift

Churches and schools, the two great agencies for upbuilding of any community, are suffering from the ill that come from roads of inferior type. Children should not be compelled to walk to school if a safe of mud furnishes the only footing, nor will people attend church under like conditions. Hence to remedy these evils it is necessary to pave roads with

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