

## FARMERS REAP BENEFIT FROM HIGHER PRICES

CHICAGO.—According to Chicago's board of trade figures, America's down-trodden wheat farmers have taken almost \$100,000,000 out of the grain markets since the first of July.

Of this total, the report states, almost \$10,000,000 has accrued because of higher prices, attributed to the drought.

Farmers have been the principal beneficiaries of the rising prices paid for wheat by buyers on the board of trade and at other terminal markets, according to an exchange statement. They have marketed approximately 93,000,000 bushels of wheat in the 13 primary grain centers since July 1, when the marketward movement of new wheat usually gets under way.

### New High Point.

During this period the price in Chicago rose from 93¢ on June 30 to a high of 1.14½ for September delivery. And from around \$1 to \$1.21 for No. 2 hard wheat in the cash market.

Statisticians pointed out that if the total volume of wheat sold at a median of about \$1.06, farmers' returns were \$98,580,000, less marketing and handling charges. Had this sensational price rise not occurred, the same volume of wheat would have brought only approximately \$89,380,000 at market.

Grain market analysts have estimated that as a whole, the Associated Press reports, the depleted United States wheat crop this year has had the highest market value in six years. At one time they estimated this value in excess of \$600,000,000, or more than \$100,000,000 greater than last year.

## APPLES OF NORTHWEST ARE WIDELY BOOSTED

Washington apples will be advertised in every corner of the United States this fall and winter according to plans recently perfected through the organization of the Washington State Apples, Incorporated.

This organization comprised principally of Yakima and Wenatchee valley growers will have a membership of more than 5000 and will represent 85 per cent of the state's boxed apple tonnage under signed contract.

It is stated that a fund of \$175,000 to \$200,000 is assured for this year, which will represent one cent paid in on every 50,000 boxes of apples shipped out.

### MUST HAVE LOST HIS TEMPER

HOLLISTER, Calif.—Eldon Fowles, Salinas veteran deer hunter, appeared in town here Friday in a highly disheveled condition, and also stripped of most of his clothes, which was caused, he stated, by his being compelled to choke a deer to death, which attacked him while he was unarmed.

Fowles said he dropped the animal with a single shot, then laid down his gun, drew his hunting knife and proceeded to cut the deer's throat. Suddenly, he said, the animal kicked the knife from his hands, and its sharp hoofs ripped off his shirt and most of his trousers.

Then it was that he made a flying tackle, got a head-lock hold, and choked the deer to death.

### APPLE DROUGHT IS SOLVED

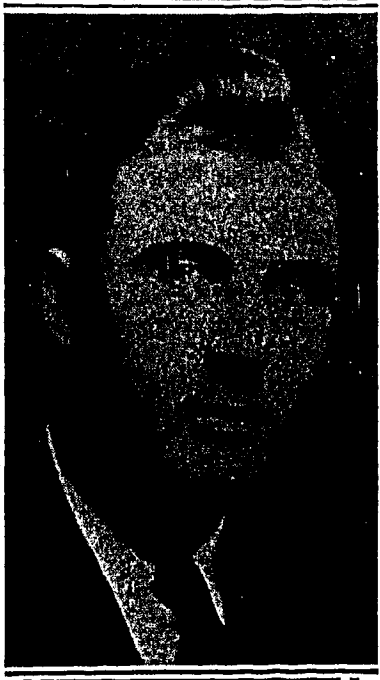
Hundred per cent control of drought mark in apples has been obtained by experimenters of the Summerland station in British Columbia. The condition, which causes heavy losses in the Okanogan valley, has been traced to lack of boric acid in the soil, and is cured by scattering boric acid over the ground around the trees in the winter.

### SHIP APPLES VIA CANADIAN RAILROADS

WENATCHEE.—In order to encourage the shipment of apples from the Wenatchee-Okanogan valleys over Canadian railroads, on their way to European points, the Canadian government has arranged to have British special certificates issued at Montreal without any further inspection, provided U. S. certificates have already been issued for the shipments at point of origin.

Each year more apples from this district go abroad via Montreal, according to the Wenatchee Valley Traffic association reports.

## He's New Coach



**FORREST TWOGOOD**  
Well-known basketballer from Trojans, who joins University of Idaho, succeeding Coach Rich Fox, resigned.

## IDAHO UNIVERSITY GETS NEW ATHLETIC COACH

UNIVERSITY OF IDAHO, Aug. 13.—New pilot of the University of Idaho basketball and baseball team is Forrest F. Twogood, whose six-year record as freshman basketball coach at the University of Southern California is described by competent critics as "nothing less than sensational." His Trojan yearling baseball teams also have been exceptionally successful. Twogood has been a member of the Trojan coaching staff since the fall of 1929.

He comes as successor to Rich Fox, who resigned last spring. Twogood has been identified with Pacific Coast conference athletics since his graduation from the University of Iowa in 1929. When Sam Barry left Iowa to become head basketball coach at Southern California he wanted an assistant to develop the freshman material and he chose one of the players who had starred under him. Twogood, the man he brought west, had been an all-Big Ten conference forward and had played on Barry's strong Iowa quintets of 1927-28-29.

## CONSIDER AIRPLANES FOR DUSTING POTATOES

SPOKANE.—Would you like to add an airplane to your farm equipment? You can, and probably will before long, if you are growing 20 acres or over of certified seed potatoes yearly in the Inland Empire region.

At present the cost of a plane is from \$2500 to \$10,000. However, the government is completing a series of rigid tests on a lighter type of plane that can be put on the market for about \$1000, it is estimated. Farmers may soon consider planes as necessary in farm operations as they now do tractors.

Recently, so The Packer reports, about two thousand potato growers assembled at 6:30 a. m. at a farm near Washburn, Me., to see disease-protection dust applied to a field of potatoes by airplane. Blight was increasing rapidly in that famous potato-growing district and growers were deeply interested in the outcome of the proposed dusting demonstration on the Wallace Woodman farm which had been delayed several days by unfavorable weather.

Two machines were used, carrying 2000 pounds of Bordeaux powder, which thoroughly dusted 70 acres of potatoes in less than 45 minutes. To have protected this field by the use of a tractor-drawn duster or sprayer would have taken three days.

The material cost the same for either process, but the expense of application is reported to have been substantially less with airplanes than by the method so long followed. Incidentally, it may be stated that it costs less to run an airplane, mile for mile, than a tractor. The dust (Bordeaux) is monohydrated copper sulphate, equal to 9 per cent metallic copper, the balance being lime. The copper is the germ-killing and fungus-destroying element. The lime fur-

In Southern Germany there is a bee farm where bees are raised for their sting poison and not for honey. The poison is sold for an anti-rheumatic.

## COULEE DAM TO HAVE LARGEST PUMPING PLANT

GRAND COULEE DAM.—The giant pumping plant that will raise the water from the Columbia river into the 24-mile-long natural Grand Coulee reservoir, for irrigation of Columbia basin lands, will be the world's largest pumping unit, as shown by data just released by the bureau of reclamation.

The pumping plant will be 844 feet long—three city blocks—and 150 feet high—12 stories.

It will be equipped with 12 of the largest pumps in the world, powered with 12 of the world's largest motors—each of 62,500 horsepower, with a total pumping capacity of 7,200,000 gallons of water per minute.

Two of the 18 generators to be installed in the powerhouses of the dam will drive the motors and pumps of the pumping station. These generators will be 50 feet in diameter and 20 feet high.

The irrigation water will be raised 360 feet by this super-sized pumping equipment and delivered through tunnels and a canal into the reservoir, beginning near the city of Grand Coulee. The tunnels, 13 feet in diameter, will run under the highway, through solid granite, and emerge on the high hillside. From there the water will discharge into a canal about 1½ miles long and empty into the reservoir to be created out of the Grand coulee.

## BROWN TO EXPLAIN FARM DEBT ADJUSTMENT

The farm debt adjustment program of the resettlement administration will be described by Lew Brown in a series of three broadcasts over station KGA, beginning Monday, August 17, at 7:45 p. m., and each Monday thereafter at the same hour.

The first of this series will deal largely with the history of the farm debt adjustment movement, describing the work done by local organizations. Then the work of the farm debt adjustment committees appointed by the governors of the various states at the request of President Roosevelt, and finally the taking over by the federal government of this work.

The second and third broadcasts will deal with the methods which farmers should pursue to take advantage of this relief, and will touch upon the Frazier-Lemke act and its relation to debt-ridden farmers.

Mr. Brown is district supervisor for farm debt adjustment in the seven eastern counties of Washington. His headquarters are at Colfax.

### NOT SCARED

Governor Landon, being familiar with Kansas dust storms, is not going to be frightened with campaign mud.—Sullivan (Ind.) Union.

The drought has reduced the prospective crop of green peas for canning to 187,970 tons, according to the U. S. department of agriculture. This is 80,150 tons less than last year.

## IDAHO MUST DEVELOP RESOURCES, SAYS BORAH

Senator Williams E. Borah, in Coeur d'Alene last week said that "Idaho must develop its resources as far as possible to take advantage of the influx of population in the northwest."

The senator spoke favorably of the Cabinet gorge hydroelectric Rathdrum prairie irrigation project and predicted that congress will approve it.

Asked about his support of new deal legislation, Mr. Borah said:

"I voted for the security bill, utility control bill, stock exchange bill and some others, particularly farm matters. I have followed the rule under the administration that I have followed 30 years, to support legislation for the benefit of the public, regardless of who proposed the bills or what party supported them."

### WET JULY IN EASTERN OREGON

LA GRANDE, Ore.—Despite unusually hot weather during the month, that saw some damage to spring wheat and pastures, July went down as a "wet" month here. Precipitation of .33 of an inch was more than 100 per cent above normal.

The rainfall for the first seven months of 1936 showed 13.58 inches. The temperature was 2.9 degrees above normal for the month, ranging from a minimum of 45 to a maximum of 106.5 degrees.

## SPOKANE FLOUR MILLS TO UNDERGO CHANGES

Announcement has been made in Spokane business circles of the sale of the pioneer Spokane Flour Mills Incorporated, to the Mark P. Miller company, Portland. The Miller interests have taken possession of the plant, and it is planned immediately to inaugurate an extensive improvement program providing for new equipment and reconditioning the mill which has a daily capacity of 800 barrels of flour.

## SIX 4-H CLUB FAIRS PLANNED FOR SEASON

Plans for six 4-H club and community fairs, to be held in Spokane county this fall were announced by County Club Leader Hilmer Axling. The fairs are to be held at Sunset, August 22; Spokane valley, September 2; Cheney, September 4 and 5; Deer Park, September 11 and 12; Fairfield, September 25 and 26. A fair is to be held in the Sharon-Moran-Glenrose area but with no definite date set. An invitation is extended to visitors throughout the Inland Empire.

"Each of these events have individual exhibits, both home economics and agricultural," said Mr. Axling, "and there will be evening programs and large harvest dances to climax the events."

### PUBLIC HEALTH PROGRAM IS CONSIDERED BY COUNTY

Dr. D. A. Lambert, Boise, director of local health work for this state department of public welfare, conferred with city and county officials last week at Coeur d'Alene regarding possible local participation in a public health program being launched by the state. He said the social security set-up had funds available for matching, and proposed the county by a half-mill levy raise \$6000 to match a like amount by the state for the inauguration of a program and financing for four nurses and a sanitarian.

It is expected that at least partial cooperation will be made. The program will include work with the Red Cross, anti-tuberculosis association, hospitals and local physicians and dentists.

### MAN PAYS FOR CARE

An unsigned will can not keep Sue Murphy, Genesee, Idaho, from collecting the \$700 remaining in the estate of Fred Plate, according to a decree signed in Moscow, last week by District Judge Gillis D. Hodge.

In September, 1935, she entered into an oral agreement with Plate to care for him until he died, in return for which he promised her payment for the estate. When he died in December, 1935, the will, acknowledging the agreement, remained unsigned. She brought suit against Murray Estes as administrator of the estate for payment.

### TOWNSENDERS HEAR DEFENBACH

Bryon Defenbach, Boise, a candidate for the Republican nomination for United States senator spoke at Moscow last week. About 3000 Townsends were present. He pledged his support to the plan.

He referred to the administration and his opponents in the senate race "bidding for office with pension amounts ranging from \$15 a month to \$100."

### FIRE IN STORE WINDOW

A fire in Penny's store show window in Moscow last week, brought out dinner time crowds. However, a minimum of damage was done. One big plate glass window was cracked and some merchandise was damaged.

### SOIL EROSION PROJECT

Farmers on the South Fork of the Palouse river soil erosion project have been offered another chance to participate in the erosion control work being carried on by the CCC soil erosion workers, it was announced by Fredrick Mark, project manager. Gully seedling, tree planting and seeding on badly eroded land are included in the work.

### GORDON IS ARRESTED FOR SELLING BEER TO AN INDIAN

Charged with selling beer to an Indian, Charles Gordon, transient arraigned before Justice Jack McQuade, waived preliminary hearing and was bound over to federal court. John Ig-race, an Indian, bought the beer.

### PIONEER SUCCUMBS

Charles Peterson, 70, died last week in a hospital near Coeur d'Alene following a long illness. He was a pioneer of the mining district, having been a resident of Wallace for 40 years. He had lived in Coeur d'Alene with his daughter, Elizabeth, a school teacher in the local schools.

### STRICKEN FAMILIES COMING

Twenty-five drought-stricken families are reported enroute to this district to settle on the irrigated tracts at Post Falls. The valley is already filled with refugees from the drought zone. Every available house or shack is occupied and some are said to be living in tents and trailer houses.

### PRESENT SILVER POLICY TO CONTINUE

BONNERS FERRY, Idaho.—Representative Compton I. White, of this district, believes the government will not abandon its present silver policy "because Uncle Sam is making money on it," he said, recently, upon his return from Washington, D. C.

"It is the only monetary plan now in operation under which the government can register a profit," White asserted. "The government has made a profit of 23 million dollars from seigniorage on the one billion dollars in silver certificates now circulating."

"With such profits, it seems improbable the government will abandon its present plan. In fact, I wouldn't be surprised if the position of silver were strengthened."

## SUPPLIES FOR CANNING SHOW BIG DECREASE

SPOKANE.—The department of agriculture has issued a summary on canning crop prospects as of July 15, which shows there may be deep suffering among sauerkraut consumers the coming winter.

### Lima Beans.

Condition of green lima beans on July 15 was 77.4 per cent of normal, as compared with 80 per cent for 1935 on that date.

### Snap Beans.

Snap beans for manufacture is reported 71.0 per cent of normal, compared with 78.4 July 15, 1935, and a seven-year average (1926-1932) of 75.8 per cent of normal. A total production of 68,120 tons is estimated for 1936. This compares with 81,450 tons for 1935.

During the first two weeks of July further declines in drought areas had reduced yields below averages. Prospects continue favorable in Colorado and Pacific coast states.

### Beets for Canning.

Indications pointed to a condition of beets for canning, of 63.4 per cent of normal. On July 15, 1935, the condition was 79.6 per cent, and for the three-year period (1930-1932) it averaged 82.9 per cent of normal. The decline in condition is general throughout most all important eastern and mid-west producing states.

### Cabbage and Sauer Kraut.

Reports from packers of cabbage for kraut on condition of the crop on July 15 indicate a condition of 60.7 per cent of normal compared with 88.4 and 85.7 per cent of normal for the seven-year period (1926-1932) on that date.

### Cucumbers for Pickles.

On July 15 the condition of the crop was reported 67.8 per cent of normal compared with 79 per cent a year ago. A need of rain is reported from many important producing states.

### Sweet Corn.

A further decline was reported for the first two weeks of July in the condition of sweet corn for canning and indications point to a condition of 62.4 per cent of normal. Damage from hot weather and drought has extended over the east and mid-west.

### Green Peas.

Condition, according to reports from canners, was 59.4 per cent of normal—near the same condition reported for the drought year of 1934 on July 15.

### Tomatoes.

A further decline is indicated in the condition of tomatoes for canning, which was 73.2 per cent of normal July 15. Unfavorable conditions for this crop existed everywhere except in Maryland, Virginia and the far west states.

### ELECTRICAL SURVEY IS MADE

Activity for the proposed municipal power and distributing system at Coeur d'Alene was made somewhat revised last week with an electrical survey being made by Ernest Porter, consulting engineer of the Rocky Mountain Engineering company, Denver, Col.

Porter is directing a house to house canvass to determine the residential consumption of electricity. The survey is being made in the event that legal complication restraining the city from building the proposed plant should be removed in the higher courts and funds still be available.

### ELECTRIC REFRIGERATION AIR CONDITIONING

MEN WANTED. Reliable, fair education, mechanically inclined who would like to better themselves. Must be willing to train spare time to qualify as installation and service experts. No experience necessary. Write, giving age, present occupation, etc.

### UTILITIES ENGINEERING INSTITUTE

402 N. Wells St., Chicago, Ill.

### THE JULIAETTA BULLETIN

Published every Thursday at Juliaetta, Idaho.

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Local Editor

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Six Months ..... .50





# Washington State College

Located at Pullman, Established in 1890

## Has Maintained Steady Growth; Regular Enrollment Now Exceeds 3500; New Buildings Being Added Each Year; Curriculum Covers Wide Field; Is of Great Service to Farmers.

On March 28, 1936, the State College of Washington celebrated its 47th anniversary. It was on that date in 1890 that Elihu P. Ferry, first governor of the state of Washington, signed the bill creating the institution. Starting in a small way, the college has maintained a steady growth until its enrollment now numbers more than 3500 students in regular courses during the college year and a total enrollment in excess of 4500.

Dr. E. A. Bryan came to the State College of Washington as president in 1893 when the institution had been operating for a year and a half and remained as its head until 1916. He is now president emeritus of the college. Dr. E. O. Holland assumed the duties of the presidency on January 1, 1916, and is now on his 21st year of service to the institution.

From the 1305 students registered at the state college in 1916, President Holland has built up the institution to a point where all previous enrollment records were broken last fall when 2514 students were registered. Conscientious and hard working, always alert for opportunities to make the college of more service to the citizens of the state, President Holland is given credit by thousands of alumni for

the remarkable growth of the institution along all lines.

Scholastically as well as physically the state college has maintained a steady growth and improvement. New courses of study are being added constantly to keep pace with the latest developments in the social, scientific, agricultural and industrial worlds. Modern methods are used in presenting the subjects and every effort is made to keep the curricula up to the minute.

**Curriculum.**  
From a very limited course of study offered during the first few years of the college the institution has grown until the main divisions now are: College of mechanic arts and engineering, college of agriculture and main experiment station, college of sciences and arts, college of home economics, college of veterinary medicine, schools of mines and geology, schools of education, school of music and fine arts, school of pharmacy, the graduate school, department of military science and tactics, and department of physical education, with dozens of departments and branches of the main divisions outlined above. In addition to these divisions, the college maintains extension classes, short courses of practical instruction in the winter, open to any one regardless

of previous education, a summer session, and an extension service in agriculture and home economics. The many agricultural and engineering bulletins issued by experts at the school are sent all over the entire world.

The college grounds include about 650 acres, of which 100 acres are used for the campus proper. The campus is situated on a gentle hill, making possible clever landscaping and effective structural group planning. Flowers, shrubs, expansive green lawns and tree-lined walks have made the grounds attractive.

**Housing.**  
The students are housed in 10 dormitories, 15 sororities, 22 fraternities and in private homes. Intramural athletics and a wide variety of clubs and honoraries afford ample opportunity for social meetings and activities. A mild climate permits all major outdoor sports to be enjoyed the greater part of the year. Expert instruction in practically all sports is provided for both men and women students in two large gymnasiums and a field house. Twelve concrete tennis courts, swimming pools, athletic fields, golf course and fine clubhouse, baseball diamonds and other equipment offer the student a wide choice of activities. Tobogganing, ski-

ing, hockey, skating and other sports are a part of the regular winter sports program.

**Buildings.**  
Thirty brick buildings house the class rooms and laboratories. Five new buildings were added to the campus last summer. A four-story brick chemistry building, 182x31 feet, and a four-story brick science building, 201x101 feet, provide the latest equipment for laboratory work and instruction. A modern \$250,000 power and heat plant was erected to take care of the growing needs of the school. The three buildings mentioned above were financed by federal WPA funds in combination with an appropriation from state emergency relief funds and student tuitions.

A new residence hall for men was erected by the Community Building company and leased to the college under a contract so worded that the college will eventually acquire the hall by paying the lease rental for it from funds received from the rental of rooms. A student golf clubhouse was built by the Associated Students without cost to the college or state.

Construction is now under way on a modern dormitory for 220 young women. The four-story structure is 170x165

feet and will cost \$328,000, not including furniture and fixtures. Bonds to cover construction costs were floated under the regular amortization plans by which room rentals pay off the bonds. Another class "A" building under construction is the \$400,000 women's physical education and health building. No state money will be spent on this building, it being financed through a federal PWA grant of \$180,000, with the student tuition and student building funds supplying the remainder. Still another building project under construction, without cost to the state or college, is the new stadium, capable of seating 25,000 fans. The total cost of this project is \$120,000, the federal PWA furnishing \$49,500 and the other funds coming from the student building fee fund.

**Service.**  
There are \$4,000 farms in Washington and practically all of these are in the 38 counties that have county agents whose work is directed by the agricultural extension service of the State College of Washington. As an indication of the increased demand for the service, during 1935 extension agents rendered 537,000 separate instances of service to farms and their owners. In 1935 the individual services of agents

numbered 1,574,846.

New wealth, totaling many millions of dollars, has been created for Washington residents as the result of research accomplished by Washington State college faculty members. As an example, the state college wheat hybrids have made possible an increase of 1,300,000 bushels per year in the wheat production without increasing the acreage of wheat in the state, thus reducing the cost per bushel to the farmer.

Codling moth and other insect control work has made it possible for the commercial apple industry to continue the production of apples and other fruits of the highest quality. Poultry leaders credit the state college with large savings in feed costs and with increasing the returns to poultry raisers. Large savings have been accomplished through the control of disease in dairy cattle, and other aids have been given the industry.

It has been estimated that the assistance of the state college in the agricultural fields cited above is returning from \$3,650,000 to \$4,100,000 annually. These are startling figures, but they are conservative, and do not include other substantial contributions that can be credited to the state college.

### PROGRESSIVE OPTICAL CO. GIVES GOOD SERVICE

The Progressive Optical company, N130 Stevens, Spokane, which caters to trade with the farmer and working man, has installed the newest equipment of optometry in the office. The most modern methods of eye examination are at their disposal.

There is no necessity for any one to go without the proper optical attention, since the Progressive Optical company has a special payment plan as low as \$1 per week. Credit is accepted. The low prices are easily within the reach of everyone.

In order to accommodate farm and rural customers, the Progressive Optical company does work through mail orders. Glasses can be duplicated, frames exchanged, repaired, etc., by mailing them in.

### BUYS HOT LAKE SANATORIUM

WALLA WALLA.—The Hot Lake sanatorium and hospital, located on the Old Oregon Trail, nine miles from La Grande, Ore., has recently been purchased by J. E. Moore and associates of this city. The hospital and surgery will be reopened within the next 10 days, Moore announces. The baths were opened last week.

The institution, previously owned by Ada B. Pfy and her niece, Alta A. Chambers, has been closed several months.

### STATE'S COFFERS BULGE WITH CASH

OLYMPIA.—Up \$1,730,364, the state treasury's cash balance for the week ending July 24 was \$18,349,318, State Treasurer Otto Case announces.

Receipts totaled \$3,194,505 and warrants amounted to \$1,464,141.

The balance for the week previous was \$16,618,954.

The general fund on July 24 showed \$4,745,244.

### MARKET WEEK AT SEATTLE

Hundreds of merchants from Pacific coast states, Canada and Alaska attended the Seattle Textile and Apparel association "Market Week" held August 10 to 12, according to H. F. Gaunce, association secretary.

### AUTO SALES SHOW INCREASE

Factory sales of Graham motorcars for the first half of July were 85 per cent higher than the volume shipped during the similar period in July of last year, reports P. R. Valpey, vice president and general manager of Graham-Paige Motors corporation.

Officials of the Gilmore Oil company announce the appointment of R. F. Johnston as assistant manager of the Washington division, a newly-created position, created by increased business in the state. Mr. Johnson comes to Seattle from California.

### BIG PREMIUM LIST AT PUYALLUP FAIR

Premiums in 25 departments at the Western Washington fair, Puyallup, which opens on September 21, will total approximately \$20,000 this year, according to the fair management. Premium lists are now being distributed throughout the Pacific northwest and will be mailed upon request to any one contemplating an exhibit at the annual show.

### 12 STATES GET POWER CASH

WASHINGTON, D. C.—The rural electrification administration has made \$4,500,000 available for the financing of 4200 miles of power line in 12 states.

More than \$1,000,000 will be spent on seven lines in Georgia, Kentucky, Massachusetts, North Carolina, Ohio, Washington and Virginia. The rest of the money will be used to finish projects which previously had received partial allotments.

Union Iron Works, Spokane, has been named distributor for Gar Wood Industries, Inc., hoist and body division, builders of hoists and steel dump bodies, as well as speed boats.

### MARK THIS

After suffering 30 years I ended all my Lumbago-Rheumatism pains permanently. Will tell you how. Write O. H. Shirley 2501 Chicago Ave. MINNEAPOLIS, MINN.

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ACCOMMODATIONS FOR TRANSIENT & PERMANENT GUESTS  
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Send for folder and price list. State name and size of your digger.  
**BEST GOLD CHISEL OR PUNCH** you ever used, made from this steel (to show you its matchless quality) mailed postpaid for **10c**  
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FOR SALE—A BRAND NEW ZENITH radio. Never out of carton. Console model. At a big discount or will trade for wheat or produce. Machine may be seen at room 619 Jamieson Bldg., Spokane.

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Add PYROIL with Every Filling of Gas and Oil . . . with Every Change of Grease

Just as regularly as you need gasoline and oil—you need PYROIL.

IT'S EASY TO FORGET ASKING FOR PYROIL just as it's easy to forget checking your radiator, battery and tires. But PYROIL is as necessary to the safe and good performance of your car, as fuel and oil. And

**Pyroil Saves You Money**  
PYROIL effects downright reduction in operation expense and repair bills.

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Have you ever seen a corroded bearing—holes eaten into it? Or a sludge-caked crankcase clogging oil lines with burned-out bearings as a result? A gum-stuck ring creating loss of compression? PYROIL protects your car against these dangers. IT STOPS CORROSION—IT FREES AWAY SLUDGE, GUMS AND CARBON—AND, FURTHER, IT GREATLY REDUCES DESTRUCTIVE FRICTION, HEATING AND WEAR ON VITAL FRICTIONIZED PARTS.

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The above is the wording of the display ad in THE SATURDAY EVENING POST of this week, August 15; FORTUNE, September; TIME MAGAZINE, August 17; CHRISTIAN SCIENCE MONITOR, August 5 and 19; MACLEAN'S MAGAZINE, Canada, August 15, and POPULAR MECHANICS, October.

These displays have appeared in the POST each month for over three years, featuring some of the most unbelievable accomplishments of GENUINE PYROIL, and nothing else can give you PYROIL results. PYROIL is the only nationally-advertised product on the market and is recognized by millions of motorists as a STANDARD PRODUCT in universal demand throughout the motor world—SOLD in every state and in many foreign countries. SOLD UNDER NO OTHER NAME.

DEALERS EVERYWHERE SHOULD GET OUR PREMIUM PLAN THAT COSTS THEM NOTHING

excepting the MORE they sell the MORE PREMIUMS they earn for themselves, their wives and kiddies. Ask for details of this attractive PREMIUM PLAN.

**PYROIL NORTHWESTERN COMPANY,**  
H. T. Roberts, Manager  
P. O. Box 1338 Spokane

## SNAPSHOTS

Who wouldn't share the other arm of this chair with Geneva Sawyer, film player, as she enjoys the California sunshine before initiating her new two-piece rubber bathing suit?

**YOUNGEST COMMODORE IN U. S.**—Oliver Tweedy (left) 14, recently elected commodore of the Bayville Yacht Club on Long Island after he won ten out of eleven races in an abandoned 16-foot boat which he sailed against older men piloting more expensive boats. Above the outgoing commodore, Zeb Wilson, 70, is shown presenting his youthful successor with an Omega watch to aid him in his flagship duties.

**ZOO'S RARE GUEST**—This Okapi was presented by King Edward of England to the London Zoo. This strange animal is shown enjoying a tid-bit furnished by his keeper.

**WEAR \$2,000 FURS WHILE DOING HOUSEWORK**—The "Arctic Highlanders," a tribe of Eskimos living within eleven degrees of the North Pole are real plucroats. The lady at the left wears natural seal while the old Eskimo woman has a creation of blue and white fox skins.

**"WOMEN MUST SEE WORLD'S MOST UP-TO-DATE KITCHEN"**—Workshop for the home, with all the conveniences and appliances of a business office, designed by H. J. Helix Company and displayed at its 4th and City Pier. Miss Dorothy Kilgore, who presides over this modern establishment, greets the crowds daily and says: "Women are intensely interested in their homes and especially in the planning and preparation of foods."



# Highlights in the Week's News From the Inland Empire

## DEMAND FOR DAIRY PRODUCTS GAINS

PULLMAN, Wash.—Demand for dairy products has improved with the increase in employment and business, and further improvement in this demand is likely, the bureau of agricultural economics reported last week in its mid-summer outlook report on dairying.

It points out that dairying production has been somewhat reduced by the drought and will be influenced during the next year by the drought effects on feed supplies and prices.

Production of dairy products during the coming winter is foreseen as somewhat less than last winter and may be about the same as the winter of 1934-35.

During the rest of 1936 prices of dairy products are likely to average higher than last year and probably will be the highest in about six years, the report states. There has been a marked rise in foreign butter prices and this factor, it said, will tend to curtail imports. Consumption of fluid milk and cream in cities and villages is increasing. The outlook is for further increases. It is likely there will be some decline in the production of manufactured dairy products.

Drought conditions, as they affect dairy production, are about as serious as in 1934, with poor pastures in most dairy producing regions other than Pacific coast areas. The number of milk cows declined about 1 per cent in the last year and further reduction is in prospect.

PEARS \$22.50 AT YAKIMA;  
\$30.60 AT MEDFORD

TOPPENISH, Wash. — Buying of pears for cannery interests started here last Wednesday, with Rainier Fruit company paying \$22.50 and \$12.50 for pears of first and second grades, and getting a few deliveries at that price, although on the same date a block of Bartletts were sold at Medford, Ore., for \$30.60 per ton to the grower, as reported by Southern Oregon Sales, Inc.

The Root packing plant at Medford announced it was purchasing Bartletts at 27.50 per ton for No. 1 sizes. A week ago \$28.75 per ton was offered at Medford by a California cannery, and a small tonnage was bought at that price.

Many Yakima valley growers, therefore, consider the minimum for tops should be higher than present price offerings.

Representatives of the canneries and fruit growers are understood to be planning a call on the governor for protection in case of labor troubles developing during pear harvesting.

### PRICES FOR BOXED PEARS

KENNEWICK, Wash.—Northwestern pears were arriving at coast markets in light amounts the end of last week, with increased supplies expected this week.

Wrapped and packed Bartletts from Washington sold at \$1.85 per box, coast price, while the jumble pack brought around \$1.00 to \$1.25.

Demand for peaches was slow, according to reports. A few early varieties from The Dalles were arriving at Portland. Elbertas will begin to move out of the Yakima valley this week when the northwestern peach season becomes really active.

### EUREKA FLAT ONCE BED OF SNAKE RIVER

WALLA WALLA.—Eureka flat, west of here, once formed the bed of the Snake river, it was declared last week by County Engineer E. R. Smith.

This is proven, he contends, by white sand and vari-colored rocks, said to be native of Idaho, and which were uncovered during road excavation in the flats recently. The rock formation of Walla Walla county is black basalt.

**CANADIAN CLUB**  
Two For 5c  
**CIGARS**  
**PETER JACOY**  
WHOLESALE & RETAIL  
Sprague & Washington, Spokane

### Lowest Prices in Town

1935 FORD DE LUKE SEDAN \$485  
1935 PLYMOUTH SEDAN .....\$565  
1935 HUDSON SEDAN .....\$795  
1935 DODGE SEDAN .....\$695  
1935 OLDS TOURING COACH \$725  
1934 FORD COUPE .....\$395

**HULL-RODELL MOTORS Inc.**  
Sprague & Jefferson SPOKANE  
3 Blocks West of Davenport's

### MONTANA RAIN HALTS FIRES

KALISPELL, Mont.—Rains over most of western Montana Tuesday night of last week relieved the fire menace in the forest reserves near here. U. S. forest service headquarters at Missoula reported the Goat creek fire in Flathead national forest was controlled.

Flames, early last week, aided by a stiff breeze, spread at an alarming rate over an estimated 1500 acres. Six hundred men were rushed to the fire.

Goat creek fire was the latest big burning menace in the region. Forest conditions remain critical in north Idaho, which was benefited only slightly by the rain.

## BIG BEND YIELDING 30 TO 40 BUSHELS

WATERVILLE, Wash.—Big Bend wheat is testing high this season—60 to 63 pounds to the bushel, elevator men report. No tests have been made for protein content.

Harvest is not yet in full swing, but some wheat is moving into nearly all stations from scattered fields. Yields in fields cut so far are running 25 bushels to an acre, or more, and will run 30 to 50 bushels in the Waterville-Mansfield district.

A 60-acre field owned by Hans Polson near Waterville produced 58 bushels to the acre. Farmer and Withrow districts will yield 25 to 35 bushels. Most harvesting is being done with small three-man combines.

The price at Waterville last week was \$1.00½ a bushel for hard white spring wheat, Bluestem and Bant varieties. Turkey Red was quoted at 83 cents, with about a 14-cent premium for high protein test.

### WASHINGTON STATE APPLES, INC.

SUNNYSIDE, Wash.—Corporate papers were filed with the secretary of state last week for "Washington State Apples, Inc.," an organization of several thousand apple-growers of the Yakima and Wenatchee districts cooperating to "advertise and promote the sale of" their fruit.

The growers who acted as incorporators were representing Wenatchee's "Committee of 15," the Yakima "Committee of 10" and various other grower groups.

Grower meetings will be called soon for the election of permanent trustees. Sign-up of grower tonnage will be continued, to include apple growers of Spokane, Walla Walla, Deer Park and White Salmon.

A fund of approximately \$200,000 is expected for advertising purposes this year.

### MRS. KNUTE HILL PASSES

PROSSER, Wash.—Funeral services for Mrs. Knute Hill, wife of this district's congressman and a member of the Prosser school system for 11 years, was held at the Prosser United Presbyterian church Wednesday of last week.

The Rev. Nelson Pierce, Congressman Hill's secretary, officiated.

### G. E. GAYLORD IS INJURED

G. E. Gaylord, master mechanic of the Red Collar Line, Inc., is in the Home hospital in critical condition from injuries suffered in an accident at the Red Collar warf. His left leg was fractured above the knee and infection set in. He also suffered from shock.

**Top Prices Paid**  
We Buy Dressed  
**PORK & VEAL**  
Live & Dressed Poultry  
**Pacific Packing Co.**  
S124 Jefferson Spokane

**PILES**  
SUCCESSFULLY TREATED  
WITHOUT OPERATION  
Write for Free Booklet  
**SPOKANE RECTAL CLINIC**  
501 Old Nat'l Bank Bldg., Spokane

**YOUR CHILD'S EYES**  
Better vision means Better grades  
**OUR PRICES ARE REASONABLE**  
Use Your Credit  
**Progressive Optical Co.**  
½ Block North of Old National Bank Building  
N130 Stevens Main 1537

## GUILTY OF BEING OUT OF CONTROL

GRAND COULEE DAM.—In a case recently tried in Grand Coulee, it appears from the evidence presented that a horse owned by N. J. Burdette, running loose, ran into a car being driven slowly by H. H. Simmons of Osborne.

The impact of the horse, running into the car, so twisted the animal about that it came to a final resting place sitting in the driver's seat on its haunches.

Judge Howard Russell found the horse and its owner guilty of operating in traffic "out of control" and ordered Burdette to pay Simmons \$24 for the damage done to his car.

### SOFT FRUITS MOVING FROM LOWER SNAKE

LEWISTON, Idaho.—Several carloads of mixed soft fruits were shipped last week by the E. A. White Fruit company from the lower Snake river district, consisting mostly of Bartlett pears, with some Bradshaw plums, Early Elberta peaches and a few sugar plums.

The same varieties are moving this week with Bartlett pears and Early Elberta peaches in the lead. The lower river district is considered the earliest peach district in the northwest, and has market advantages over many larger districts.

In Lewiston and Clarkston orchards early peaches and peach plums are nearly ripe, reports said late last week, but peaches will be in comparatively light volume this year.

Most of the prune crop was killed by the last October freeze.

### MINING ACTIVITY IN METHOW DISTRICT

TWISP, Wash.—Revival of interest during the past two years in the mineral wealth of this district has again dotted the mountainsides with prospectors' camps.

There is much traffic on the mountain trails. Tourist travel through the forest areas has been increased greatly by the general uptrend of business and by the construction of roads through the virgin forest vacation lands. Tourist registration at ranger stations has more than doubled this year, it is reported.

### MUCH TOURIST TRAFFIC AT DAM

COULEE CITY, Wash.—James E. O'Sullivan, secretary of the Columbia Basin commission, reports that record throngs of visitors are coming to Grand Coulee dam this month and estimates 25,000 persons, mostly out-of-state tourists, visited the project in July.

## GARFIELD COUNTY FARMERS HAPPY

POMEROY, Wash.—Garfield county wheat growers last week commenced harvesting one of the biggest crops ever grown in this district. With wheat again hovering around the dollar mark they have good reason to expect one of the most profitable years in the county's history.

The biggest sale this season was made at the Bob Farrell ranch, north of Pomeroy, last week, when Frank Cardwell of the Pomeroy Flour Mill purchased the crop of 30,000 bushels of Turkey Red at the record price of \$1 per bushel.

A parsec (astronomical unit of distance) is 19 billion miles long.

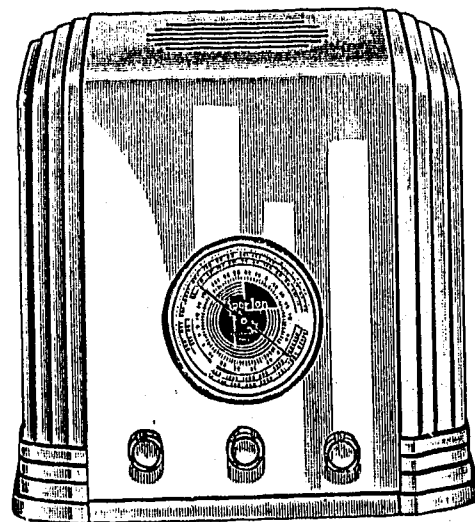
# SPARTON

## Sparton Photochromatic Dial



SPARTON PHOTOCROMATIC dials cannot warp nor distort. Kilocycle scales remain accurate under all conditions.  
FULL VISION. Station identification and selection at a glance.

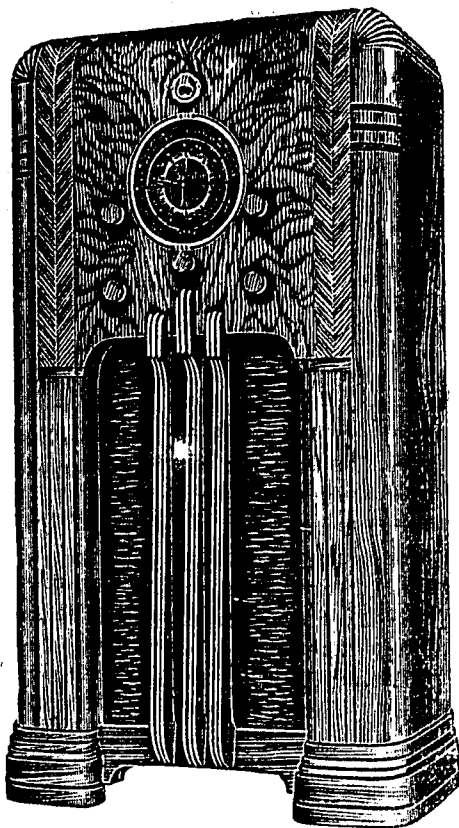
## Sparton Model 517



FIVE TUBES — TWO BANDS  
Foreign — Domestic — Police — Airplane  
Walnut Finish — Tapered Cabinet  
Height 12½ inches — Width 13½ inches  
Depth 9 inches

\$32<sup>50</sup>

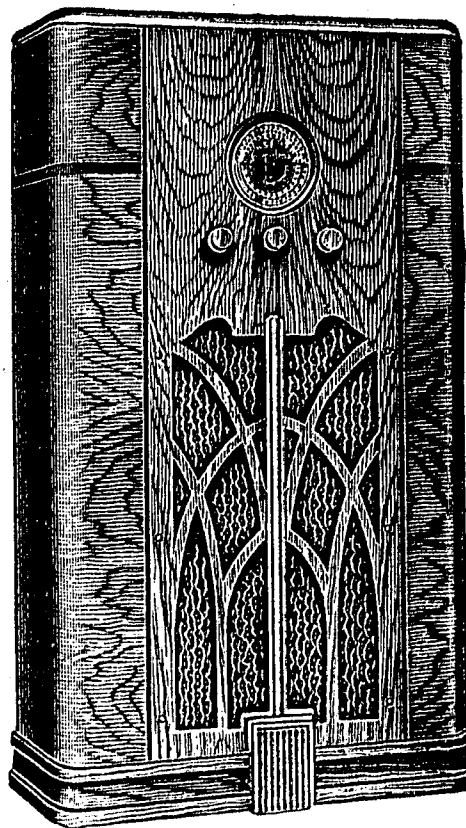
## Sparton Model 867



\$94<sup>50</sup>

EIGHT TUBES — ALL WAVE — ELECTRIC EYE  
Photochromatic Dial with Second Hand Automatic Vernier  
Station Selector — Centralized Radio Nerve System — Walnut  
Finish  
Height 42 inches — Width 24 inches — Depth 12½ inches

## Sparton Model 567



\$44<sup>95</sup>

FIVE TUBES — DOMESTIC & FOREIGN BROADCAST  
Police and Airplane Transmissions — Two Bands — Illuminated  
Airplane Dial — Walnut Finish — Ebony Inlay  
Height 36 inches — Width 20½ inches — Depth 9¼ inches

### ALSO 10 Other Models Up To 16 Tubes

For your own protection, you must consider the reputation and permanence of the manufacturer with whom you make a life-long investment. SPARTON has earned honest recognition for quality products for over one-third of a century of uninterrupted progress. You can place your faith in the products of this company and know that they will serve you long, faithfully and well, just as the SPARTON company has served its clientele for 36 years. SPARTON this year is able to give you more radio for dollar value than ever before in the history of radio.

All models are on display at the

## INLAND RADIO COMPANY

922-924 W. First Ave.

Spokane, Washington



## NORTHWESTERN BUSINESS COLLEGE HAS FINE FACILITIES FOR 350 STUDENTS; 25,000 SUCCESSFUL GRADUATE ALUMNI

With an alumni of 25,000 prosperous and satisfied graduates, many of them now prominent in the business life of the Inland Empire, Northwestern Business college, 8317 Howard street, Spokane, will enter its 36th year of service to the community this fall.

It is the easily substantial boast of its friends that no business school in the northwest is better equipped in its physical properties, more thorough in its methods, more expert in its faculty, and more modern in its outlook than Northwestern.

### Graduates Succeed in Life.

B. F. Westmore, president, who came to the business school field after a successful career as professor and executive in several institutions of higher learning, says, "Our success is the success of our graduates. After all, the interesting thing about this school is the student body, the young men and women we have sent and are sending out into the business world. The building, the typewriters, the accounting machines, the other paraphernalia, are incidental. The qualifications of a graduate of our school when he enters business life is the real test, and we are proud of our graduates. They hold their positions and advance."

### 350 Enthusiastic Students.

"We are proud of the school and its equipment. This three-story, modern brick building, which we entirely occupy, was planned and built for this school. It is no made-over office building. I do not mean to reflect on other schools not so fortunate in saying this. I am merely pointing out that the surroundings of a student at Northwestern are conducive to good work. We have an enrollment of 350, and yet we give personal attention to each student. Individual instruction is the keynote at Northwestern. Classes in the theory of shorthand are always very small, usually consisting of from two to six students."

### Mrs. Westmore, Counselor.

Entering the big, high-ceilinged structure, one first encounters Mrs. Westmore, student counselor and employment secretary. To her work at Northwestern, Mrs. Westmore has brought a college training and a broad experience in civic and club work. She is a personal friend of all of the students at Northwestern, and a confidant of most of them. Her job is their problems.

### Bright Environment.

A tour through the building reveals open air on all sides with hundreds of students working under ideal condi-

tions as to ventilation and daylight. A surprising feature of the school is the quiet and order in the big rooms with their many students busied at various tasks.

Mrs. Thompson, a graduate of an Oregon college, has successfully headed the stenography department for the past 15 years. She has two assistant instructors. An ultra-modern note is the half-hundred stenographic, note-taking machines called Stenotypes.

### Capable Faculty.

Miss Logan, a teacher in the typewriting department, won first prize for teaching typewriting in a nation-wide contest lasting over a year. At the same time the school took over 1200 prizes. L. J. Eastburg, a master of mathematics, heads the commercial arithmetic classes. Three teachers instruct in bookkeeping and accounting. Mr. Westmore smiled quietly when asked as to the length of time it takes a student to complete the business courses.

### Adaptability of Students.

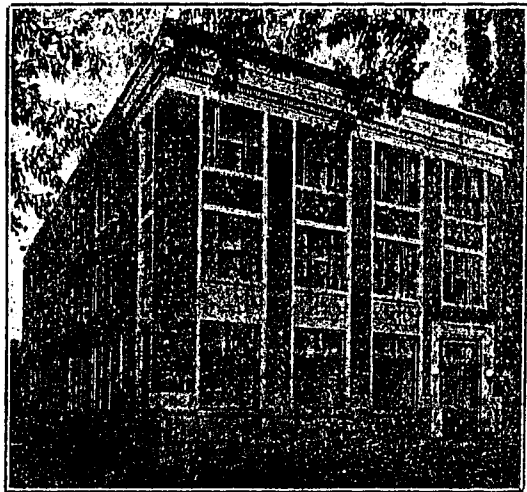
"We don't regiment them," he said. "The time element rests with the student himself. He may proceed as rapidly as he is able. His progress depends upon his application, his aptitude, and his previous training. All we insist on is that the subjects be thoroughly mastered."

"That smaller room," he continued, pointing to a glass-enclosed room on the first floor, "is for the advanced students. These are directly under my tutelage. You might say they are having the finishing touches put on their business education. They are getting actual experience in doing our office work. They meet the public, answer the telephone, make out reports, write letters, and become adapted to office work. At the same time, we become acquainted with them and thus can recommend with confidence when employers call upon us."

### Also Happy Social Side.

The social side of the development of these young people is not overlooked. The basement of the college is a large and splendidly equipped social hall. Students gather here daily at noon and amuse themselves with the piano and in various ways, play ping pong, or just visit. Evening parties are held every two or three weeks. The girls' basketball team won the city championship last year. There is a student association, a college paper, a music club, and other voluntary student activities, which are encouraged as a proper part of business college life.

## An Asset To Educational Life of Northwest



This is the handsome Northwestern Business college, where 350 students receive the highest facilities for a com-

plete commercial training amid the finest environment and with the most capable tutors.

### FALLING SNAG CRUSHERS LOGGING TRACTOR OPERATOR

OROPINO, Idaho.—Merle Kissinger, tractor operator employed by William Johnson, engaged in clearing a logging roadway, was crushed by a falling snag while working on Canyon creek, and died at a local hospital here Tuesday afternoon of last week.

Kissinger had fastened a cable to a snag and snubbed it around a tree. When he applied pressure to the cable with the tractor the snag fell directly upon him, fracturing his skull.

A resident of Orofino, Kissinger is survived by his widow, a young child and his brother, Fay Kissinger of Cascade.

### MAROONED TROUT JUST SUCKERS

CLARKSTON, Wash.—A recent report to the effect that "thousands and thousands" of trout were marooned in Asotin creek below the headgates proved, upon investigation by Fred W. Van Arsdol, state game protector, to be somewhat erroneous.

The investigation disclosed that at least 98 per cent of the fish were rock suckers, and that only about two dozen trout were included in the entire area.

Van Arsdol reported thousands of trout had been removed during the last two weeks by himself and two helpers, from above the headgates.

### BORAH'S "AGIN" IT

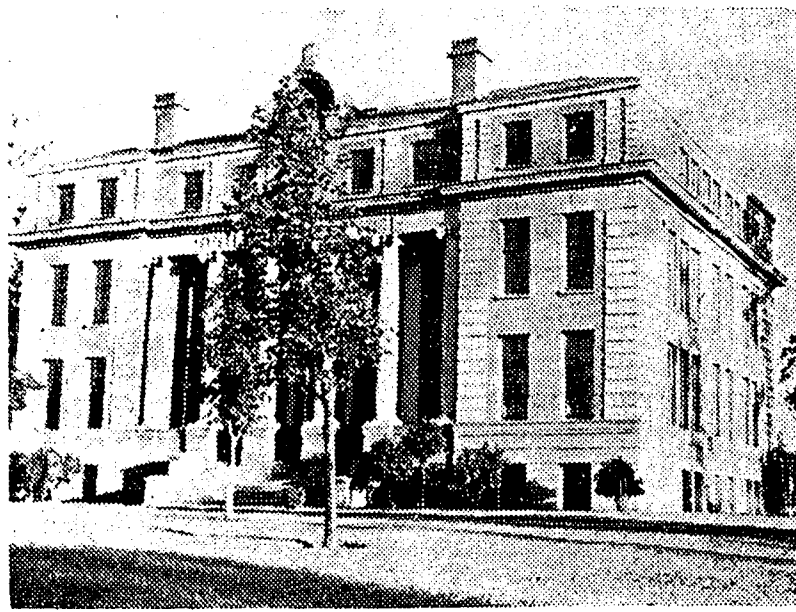
SPOKANE.—William E. Borah, Idaho's famous dissenting U. S. senator, who so frequently is "utterly opposed" to many measures, "dropped in" at Spokane last Wednesday while on a tour of north Idaho, "to see how the state has grown."

Asked for his opinion relative to establishing a Columbia valley authority to have jurisdiction over all power and reclamation development on the Columbia river, the senator is quoted as saying that "I don't want anybody outside of my state running the development of its resources. Any time a state does this it is taking the first step toward economic suicide."

As the Columbia river, after entering the United States, from its sources in the great Canadian ice fields, flows for over 300 miles through northern and central Washington, before turning westward and forming Washington's southern boundary to the Pacific ocean, at no point even remotely approaching Idaho, it is difficult to understand how Borah or Idaho come into the picture as regards Columbia river development.

Paul Dean, St. Louis Cardinals pitcher, recently bought a household washing machine in Dallas. Roy Henshaw of the Chicago Cubs pitching staff is another washer owner.

## Spokane's Fine Junior College



## Junior College in New Location Ready for 200 Students Sept. 21

Definite assurance that Spokane is to have a new non-denominational educational institution was given this week when a contract was entered into by the Spokane Junior college, with Walter G. Meyers, contractor, for alterations and repairs to the buildings at E728 Twenty-ninth avenue, formerly occupied by Spokane college.

Under the direction of Noel E. Thompson, architect, work will be started immediately and the buildings made ready for occupancy for the opening of fall classes on Monday, September 21.

### Receives Liberal Support.

"The response of the business and professional interests of Spokane to our appeal for funds needed for the remodeling of our new home," stated Dr. G. H. Schlauch, president of Spokane Junior college, "is most gratifying and augurs well for the future success of the college. That the junior college is a much-needed institution is attested by the rapid growth of this type of school throughout the United States and we

anticipate a steady increase in enrollment.

### For 200 Students.

"The new home of Spokane Junior college," continued Dr. Schlauch, "is comprised of three substantial structures: An administration building, a dormitory and a gymnasium. The present facilities will provide accommodations for 200 students, which is the limit set for this season's enrollment. The property consists of 10 acres and is ample to take care of the expansion which we feel sure the future growth of the college will necessitate.

### Is Fully Accredited.

"The courses of study will cover the first two years of college work. Spokane Junior college is fully accredited and the instruction is correlated with that of the University of Washington and the State College of Washington. Students completing the two years' course at Spokane Junior college will be accepted into the junior or third year classes of both state schools."

## DIESEL SALES ARE BIG; CO. NEEDS TRAINED MEN

The demand for thoroughly-trained mechanical engineers is greater than the supply of available men, according to Robert P. Wallis, director of public relations of the Western Diesel school, who recently spent two days trying to locate an unemployed graduate for a good-paying Diesel position.

During these times, when most people are still thinking in terms of the depression, it is refreshing to know that there is one field of endeavor where skilled men are in demand.

### Future Is Bright.

Sales of Diesel equipment so far in 1936 have increased from 400 to 600 per cent over 1930. New lines of industry are using Diesel—mines, logging, lumber mills and construction work.

Foresees Big Shortage in Spring. With the tremendous increase in Diesel sales it is predicted that there will be decidedly more jobs open next spring than there will be fully-trained men available.

### KAMIAH BEGINS ITS WINTER WHEAT HARVEST

KAMIAH, Idaho. — Combines are busy harvesting the 1936 winter wheat crop in this district. The wheat is being hauled to warehouses as fast as harvested and threshed.

Central Idaho farmers on the prairies and tributaries to the Clearwater river expect a 4,000,000-bushel crop from that area. However, these optimistic yield reports may be somewhat disappointing because of the widespread presence of smut, dealers say. Samples indicate from a fraction of 1 per cent to 11 per cent smut content. Prairie crops, usually free from the disease, also show prevalence of smut, reports state.

Several 50-bushel yields in the Cuddeback area are reported although the majority of fields are said to be yielding about 30 to 40 bushels. Stands in the Gifford area are said to be showing from 25 to 30 bushels per acre.

Bulk wheat continues to be the predominant method of delivery to terminals although growers with premium stuff were sacking as a method of keeping the identity of wheats intact for premium prices on best grades.

### 27 FIRES IN KANIKSU FOREST

PRIEST RIVER, Idaho.—An electrical storm last week started 27 new fires over a widely-scattered area in the Kaniksu forest.

Forest Supervisor James Ryan reports that through fast work of lookouts, smoke chasers and patrol crews all fires were under control by the end of the week.

## Coaching School Gives Intensive Training To All

An interesting feature in educational work in Spokane is the high school for adults, essentially a coaching school, conducted by Prof. L. J. Eastburg, principal, at 8317 Howard street, Spokane. By close attention to individual requirements and by eliminating non-essentials and social activities, Professor Eastburg is able to reduce the time necessary for a student to earn credits to from one-half to one-third



PROFESSOR L. J. EASTBURG Graduate of University of Minnesota

the time required in an ordinary high school.

Many students forced to quit high school because of stress of circumstances, have completed their work with Professor Eastburg either in preparation for college or for business life in an unusually short time.

An additional and exceptionally important phase of the school is preparation for civil service examinations. Especial stress is being made this year in preparations for the postal service and the railway mail service examinations. This civil service coaching is done in day school and night school and also by correspondence.

The high school courses are conducted both in day school and night school, making a high school education available to the employed young man and woman.

### Specially Designed School Luggage

TRUNKS, GLADSTONE BAGS, AIRPLANE LUGGAGE

**Spokane**  
TRUNK & GRIP CO.  
721 SPRAGUE AVE.

## WHITWORTH COLLEGE, ONE OF OLDEST NORTHWEST SCHOOLS, HAS BRIGHT PROSPECTS; EXPANSION NECESSARY

Whitworth college is a fully-accredited college of liberal arts and sciences occupying a 40-acre pine-clad campus, surrounded by 150 acres of beautiful rolling natural forest owned by the institution and located a short distance north of the city limits of Spokane on the Inland Empire highway.

It is fully accredited with the Northwest Association of Secondary and Higher Schools. Its graduates are admitted to the best graduate schools in the country; transfers may be made to other institutions on the same basis as students transferring from the leading institutions of higher learning. The American Medical association also approves the work offered at Whitworth college.

Whitworth college is accredited with the Washington state board of education for complete training of teachers for teaching in the high schools of the state of Washington. Its graduates are recognized by the state boards of education in other states of the Union.

Primarily Whitworth college is a Presbyterian institution giving a broad, cultural background for a virile Christian citizenship. At the same time the curricula are so arranged that its students are trained for definite vocations such as teaching, business, civil service, music, journalism, home arts, and director of religious education. Provision is also made to prepare those students who desire to go into some technical work to get an adequate pre-professional training. Pre-professional courses are offered in theology, law, medicine, pharmacy, dentistry, nursing and engineering in its several branches. Full four years of study are required for the vocational courses completed at

Whitworth college. The pre-professional courses may be completed in two years, but the tendency is, in the better class of professional schools, especially law, medicine and theology, to require a full four years' course in the liberal arts college. A broad general college course is offered to those who do not care to take specialized work.

Whitworth college is one of the oldest schools in the Pacific northwest, being the direct descendant of an academy which Dr. George F. Whitworth organized at Sumner, Wash., in 1884. It became a college in 1890 and was later moved to Spokane.

For 50 years it has been serving the young men and women of the northwest with a program for development of personality and leadership, sponsoring activities in drama, music and athletics. It has dormitories for men and women where a limited number of students can be handled. Its costs are reasonable. Registration for the 1936-37 season begins on September 8.

For the past nine years the college has made progress under the able guidance of Dr. Ward W. Sullivan, president. It has a strong administrative and teaching staff. The teaching staff is composed of 23 men and women highly trained for their special work. Students are enrolled not only from Spokane but from all parts of the state, including Seattle, Tacoma, Wenatchee and Vancouver, and from Alaska, California, Oregon, Illinois, Montana and Idaho.

The future outlook for the college is a bright one. It has reached the place where expansion is necessary to handle the demands of the young men and women of the northwest for its advantages.

### AT THE BANDBOX

"The Story of Louis Pasteur," one of the outstanding pictures of the year, starring Paul Muni and Josephine Hutchinson, will be shown at the Bandbox theater, Spokane, Thursday, Friday and Saturday, August 13-15. The play itself is of highly educational value, depicting the life of a scientific pioneer toiling to save millions from suffering and death. "Show Them No Mercy," with Rochelle Hudson and Cesar Romero, will also be shown on the same program.

The Three Marx Brothers will be featured in "A Night at the Opera" on Sunday, Monday and Tuesday, August 16-19; also "Splendor," with Miriam Hopkins and Joel McCrea.

### WHITE PASS HIGHWAY CONTRACTS THIS FALL

YAKIMA.—White Pass boosters received assurance last week from the state director of highways that bids will be called for an important section of the road this fall.

The new work will include grading and surfacing of the road from the tunnel on the north side of Tieton lake to the present highway, and further grading and surfacing on the north shore of the lake from the tunnel westward. The tunnel will be completed in September.

A party of engineers and officials toured the valley inspecting a number of contracts now under way, including the Pasco undercrossing, where the state is beginning work on a \$250,000 under-railroad crossing.

There is no special benefit in eating all food in the raw state. A good mixed diet containing some raw and some cooked foods is better for most people.

### NEW CROP DOMINATES COAST HOP MARKETS

YAKIMA.—Pacific coast hop markets were very quiet during the week ended August 8, but generally maintained a fairly steady tone, according to the weekly hop market review of the U. S. bureau of agricultural economics.

Slackening in demand from domestic consuming interests was about offset by lack of selling pressure from growers. No sales were reported in either Oregon or Washington. In the absence of actual transactions in the northern states, current prices were generally considered as nominally unchanged from levels prevailing the previous week.

New crop prospects continued to be a dominating influence in the market situation, with prospective yields in the three coast states expected to total well below those of last year.

Washington hop markets were very quiet during the week, with no sales by growers reported either in the Yakima valley or western Washington areas. No contracts were reported written during the week.

In the Yakima valley the weather was hot, and growers were spraying for red spider, having so far held damage to a minimum.

The navy has had six vessels which have borne the name of "wasp."



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# Rattlesnake Hills Nearing Oil Production Is Prediction

Did you know that the state of Washington has a proven gas field with 15 wells producing natural gas for light, heat, fuel and refrigeration for seven considerable communities in the lower Yakima valley?

Did you know that eminent geologists and engineers predict that a deep test well now being drilled in the field may produce petroleum in enormous quantities and precipitate an oil rush reminiscent of the days of Texas and Oklahoma in the '20s?

Did you know that a million and one-half dollars have been spent on Rattlesnake hills in developing, marketing and producing this already-proven gas field and potential oil producer?

Did you know that the development of this field has been carried on, and is now being carried on, by experienced oil and gas men, who have long records of success in other fields and who are in the state of Washington because they believe that the next great oil boom will take place here?

Did you know that surveys have been made to take the high thermal unit gas from Rattlesnake hills to the towns of Yakima and Walla Walla in Washington, and Pendleton in Oregon, and that the project ultimately aims to furnish gas to Spokane, Wenatchee and across the mountains to Seattle, Tacoma and other coast cities?

Did you know that the gas now being produced is indicative of oil production, inasmuch as it contains a satisfactory proportion of ethane, a light hydrocarbon usually found in gas coming from a pool of oil?

**Fascinating Film.**  
The writer didn't know these things, or even dream that there was so substantial a possibility of oil at Rattlesnake hills in south central Washington, until he was assigned by a hard-boiled editor to cover the free showing of a motion picture film last Wednesday at the Moose temple, W921 Sprague avenue, Spokane. However, his indifference soon gave way to keen interest, as the film unfolded the story of a possible huge Washington industry, how gas was actually being produced, and how the drilling was now going on promised to bring to this state its own oil, in addition to the gas.

Here were facts to be seen by the eye; a panorama of the hills is succeeded by illustrations of homes, stores, public buildings, schools and industries in the Yakima valley actually using and enjoying the first fruits of Washington's potential petroleum resources. Flash, and the pipe line from the Rattlesnake hills field is shown leading into communities where the gas is served by the Northwestern Natural Gas corporation, developers and operators of the field. Another flash takes you to the huge derrick with its busy crew drilling, changing bits and testing, in its pounding away toward the oil pool believed lying below.

Experienced Leaders.  
Pictures of the workers' homes and families, making a small model community, smuggled away in the hitherto useless sagebrush desert; officers of the company, each having an interesting and often romantic history in the petroleum industry; S. A. McCune, a pioneer in the oil and gas business from the early Pennsylvania days—his father loaned the memorable Colonel Drake the tools to drill the first oil well in the United States in 1869; R. B. Newbern, who built a pipe line in the industrial section of western Kansas and took away this profitable business from under the noses of the major oil companies; A. A. Durand, with some 300 producing successful wells to his credit.

To the serious mind the most interesting part of the picture is that which graphically portrays the geologic formation of the hill, how the subsurface strata are laid one upon each other, showing where the drill has penetrated to zones where gas has seeped up from below and collected in porous formation, from where it is pumped through the company's pipe line to service human needs, and where the deep test well now in progress has penetrated to lower formations and stands ready to pierce the upper formations to the oil pool expected below. This portion of the picture is an education in itself, understandable by the least experienced with petroleum affairs, and interesting to all as a collection of scientific fact, if not suggestive to one of the opportunities present for benefit to all.

What the picture lacks in drama it makes up in deep interest to the practical mind. It was enjoyed by a fairly large crowd at its Spokane showing. It deserved a much greater attendance from people interested in developing the resources of the state.

**Official State Tests.**  
During the eight years since the opening of the field, more than six hundred million cubic feet of gas has been taken from the wells, with no signs of the supply diminishing. In fact, additional wells drilled during the period had no effect on the pressure or volume of previous wells. The board of public works of the state of Washington made an official test of the gas for rate-making purposes and in its chemical analysis established that the gas contained 13.1 per cent ethane. To the writer "ethane" was just another word until a chemist friend explained that it was one of the lighter hydrocarbon principles associated with oil, the basic part of natural or casinghead gasoline. Geologists and engineers who have examined the field, among them the late Dr. Marfel R. Daly, who was dean of northwestern scientists for a great many years; A. A. Hammer, one of the leading members of the American Association of Petroleum Geologists, and Frank P. Fisher, probably the best-known natural gas engineer in the industry, have recognized the petroleum possibilities of the field and have recommended its development for oil.

**Film Shown Weekly.**  
It is the intention of the Northwest Oil and Gas Properties, Inc., owners of the film, to show it at weekly meetings at the Moose hall for the next few weeks, according to an official of that company.

"We anticipate a successful completion of the deep test well any day now," declared this official. "The bit is now in a porous phase of the basalt overlain by blue basalt. This may not mean much to the layman, but to the experts who have followed the progress of the drilling it is of utmost importance, because it indicates to them that the bit is practically through the basalt ready to break into formations below that may contain oil in such quantities as to be a national sensation.

"Right now the bailings show live oil of high quality."  
"We are all on pins and needles, that something will happen with every move of the bit. It may be we may have to go several hundred more feet, on the other hand indications are so favorable that anything can happen any minute, so don't be surprised at sensational news any time now."

ICE that remains ice even when heated above the boiling point of water has been produced under a pressure of 360,000 pounds.

# Children's Corner

## "THE INEXPERIENCED GHOST PARTY"

By Barbara Fleishman, Age 13  
Vancouver, Wash.

### CHAPTER 3

Billie and Jerry arrived at the cabin with the good news that all was well. "Swell," grinned Bob, "We're all ready."

"Already for what?" asked Jerry noticing that all the girls were wrapped in sheets.

"For our ghost party. Here are two sheets for you and Billie. You'll excuse us, Billie, but we hardly thought a ghost party was successful without ghosts, so we brought sheets along."

"Clever, Bob, clever!" Billie praised. In a clearing, in front of the cabin, the twelve girls began to dance. Donna and Dorothy, (Better known as Don and Dot), had prepared and taught the girls the dance, a week before. Pat, or Patricia, played a weird accompaniment on an Indian drum. And so the dancing began. After an hour or so of a make-up ceremony, they decided to go back. But altho they wouldn't admit it, they were really sleepy. They walked slowly up and over the hill. When they reached the bank of the lake, Jerry exclaimed;

"They're gone; The boats have been set adrift."

"What?" asked the rest of the girls excitedly.

"Oh! Billie," cried Dot, "What'll we do?"  
"I don't know," returned calm Billie, "Let me think." No sooner said than done. She sat down on a rock, put her head in her hands and started turning the situation over in her mind. The others quieted down over the seriousness of the problem at hand.

(To Be Continued.)

## NEW MEMBERS

I would like to join the Children's Corner. May I have a membership pin and card? I am 10 years old and my birthday is August 9. Have I a twin? For pets I have three cats, Tabby, Whiskers and Spot. I have read the Children's Corner for a long time and I think it is very interesting. Your new niece,

BERNICE KELLES.  
Leavenworth, Wash.

We are glad to welcome you to our club, Bernice. Let us hear from you often. I haven't a twin for you but several members are your age and have birthdays in August. I hope you will write to some of them—they will like it, I know. Emma Louise Evans, Moiese, Mont., age 10, August 6. Emma Lou is the nearest to a twin. Then there is Jackie Parker, Route 1, Grandview, Wash., birthday August 1; Anita Scheer, Fruitland, Wash., birthday August 15; Marian Simons, Tonasket, Wash., August 13; Thelma Taylor, Springdale, Wash., August 13; (Marian and Thelma are C. C. twins); Lola Jean Watt, Orient, Wash., August 27; Clarissa Weber, August 26. When you get your pin maybe you can persuade some of your friends to join.—Aunt Marion.

## OLD MEMBERS

Dear Aunt Marion: It is a long time since I have written to you and I wondered if you had found a twin for me. My birthday was July 3, and I was 15 years old. I would like to have some of the Cousins write to me. I had a couple of letters from Irene Benton, Priest River, Idaho, but haven't heard from her for a long time. Her birthday was July 5. I have enjoyed my school vacation very much, and hate to see school starting again. I hope to hear from some of the Cousins soon. An old member,

VERA MOEN.  
Spirit Lake, Idaho.

We were very happy to hear from you again, Vera, and would like to have a letter oftener. Sorry, but no twin has reported yet. In the meantime I suggest that you write to the following, who all have birthdays in July: Ona Brown, Granger, Wash., age 15, July 11; Lydia Ann Peterson, Route 1, Sandpoint, Idaho, age 15 July 30; and Harrison Semro, Othello, Wash., age 15 July 15. They would be pleased to get a letter from a C. C. member.—Aunt Marion.

When heat plays the deuce with appetites, fruits are trumps.

Contributions to this Corner must not be over 125 words in length, and they can be original stories about yourself, your pets, an original poem or joke, or even about an interesting experience that you have had. A prize is given to everyone who has a piece accepted. Only original articles will be accepted. Each article must have name, address and age of writer and also bear the signature of your parent. Address them to Aunt Marion, 619 Jamieson Bldg., Spokane, Wash.

## CLEVER IDEAS ARE DEVELOPED IN BUTTONS

PARIS.—Many striking ideas are being developed in the realm of buttons. For sport blouses, a clever manufacturer uses numbers to replace ordinary buttons on the front of the garment. These numbers, ranging from one to nine, are of plastic material, sometimes in bright color to form a contrasting effect against the blouse fabric, or else in imitation ivory, tortoise-shell or delicate pale amber. The signs of the zodiac have also been a source of inspiration for button designers and have been used with great originality by leading dressmakers for summer afternoon or beach dresses.

## Know Your Feet

By Dr. Leanora May

Dr. Leanora May is starting in this issue another series of articles Know Your Feet. This time the great toe joint will be discussed, from the viewpoint of its function, what happens when bunions form, how they are caused and what can be done for them.

## BUNIONS—WHAT ARE THEY?

Nearly everyone will tell you that bunions are enlarged joints. That is a popular misconception, because due to the anatomy of the foot, a bunion joint looks very much enlarged. In reality there is a dislocation, in some cases slight, in others quite marked. There is a gradual slipping of the big toe joint off the head of the first metatarsal. The first metatarsal also rotates, making the head of that bone very prominent, in fact, being of itself the so-called enlarged joint. There may be an extra growth of bone around the edges of the joint, but this is usually slight and a matter for far less concern than the buckling of the joint. Friction to the capsule surrounding the joint sometimes causes the bursa to be inflamed, but it is a sequel following pressure, rather than a cause of the buckling. Free literature on feet will be sent by writing 329 Old National Bank Bldg., Spokane, Washington.

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## ITEMS of INTEREST To WOMEN



## A Bouquet of Gladioli



The final touch to the sports costume, or the afternoon gown in the summer, is a bouquet of natural flowers, arranged in the informal, natural manner now favored, of a color to harmonize with the coat or dress. Fresh flowers are entirely displacing artificial flowers this summer. Their fragrance, delicacy and vivid coloring cannot be mistaken for the artificial kind. Flowers in the illustration are gladioli, thought you might not recognize them at first glance. Florists do things with gladioli which make them look quite different from the tall, somewhat stiff spikes that grow in the garden. They have ways of using the individual blossoms and half-opened buds, discarding the leaves and uninteresting parts of the stem; so that you see beauties in gladioli which you did not know were there.

## Style Notes

By Mariana Gray  
There is a faint suggestion of busts in the new fall clothes. Your skirt can be akin to a ballerina's. Sometimes there is a splurge of fabric to the back of skirts. Snug fitting bodies are suggestive of Queen Victoria. Hats are high and skirts are short. Every type of suit from one piece to three piece, dressy or tailored, carry on. Fur coats are short and stubby. From now on you can't live without a dark town dress. Shoes are growing up and around the ankle, by virtue of a strap, tongue or band and the small boot actually materialized. Heels will be higher. Dame Fashion will certainly lead us a merry chase this fall.

Paper doilies and napkins are inexpensive and save laundry. The family will enjoy eating picnic style in summer.  
Don't throw away the water in which you cook vegetables. Part of the nourishment of the vegetables is in this water. Save it to use in soups and sauces.  
A salad dressing is only as good as the oil it contains—so choose mazola, made from the kernels of full-ripened corn.

The common Chinese talk more about food than any other subject. According to careful observers, four-fifths of the conversation among the lower classes of China is relative to food.

## TO CLEAN PORCELAIN

To clean porcelain, pour a little kerosene on a cloth and wipe the bowl or tub with it frequently. If you wish dissolve 1/2 cup soap flakes in hot water and add a little kerosene to it for cleaning porcelain.

Maple sap was the principal source of sweetening for the early American settlers, and before them, for the Indians. It held its own with only honey as a competitor, until cane sugar came along.

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On board the S. S. Avignon, bound for America, Princess Olga of Sweden, who in reality is a showgirl posing as a princess to get a Hollywood film contract, meets King Mandini, the Concertina King. Mandini falls in love with her. Darcy, a blackmailer, attempts to shake down Mandini on his past prison record but the latter kicks him out of his cabin. Later, Darcy tries the same thing on the bogus princess. She is less brave about it and pays him off with a ring and all her money. Meanwhile, a convicted murderer named Merko is on board and is the subject of a search by a number of continental police inspectors en route to a New York convention. The captain has just been informed that cabin B-50, which was booked in the name of Petroff, is unoccupied.



As King stooped over to help pick up the body, he noticed a perfume bottle which had been knocked to the floor.

CHAPTER V.  
As Darcy left the princess' state room King also stepped out into the corridor. Catching sight of his enemy, he dodged back into his cabin and, through a crack in the door, watched the blackmailer counting the roll of bills.  
"He shook her down," Mandini whispered to Benton, who was paring his nails while resting on the bed. "What could he have on a princess? From the size of the roll it must have been plenty."  
"That's two," grunted his friend. "You remember he said he had some-

thing on three people on board. I hope I'm the third." He jabbed the scissors he had been using on his nails savagely into the wooden cabin wall to show his anger.

"You are insufferable," said the girl, trying to look disdainful.  
"I had to talk to you," answered the other humbly. "I just want you to know that if you're ever in any kind of trouble you can count on me."  
"Why do you think that I should be in any trouble?" she tried to brazen it out. Then she smiled faintly and continued the dance until Lady Gertrude swept down and carried her off to their cabin.

"Thank Heaven this day is over," sighed the lady in waiting as the two approached their cabin. "Who said 'Uneasy lies the head that wears a crown'?" As she spoke she opened the cabin door and switched on the light. Then both women stifled horrified screams.

Lying on the floor was Darcy. He was dead. Between his shoulder blades the handles of a pair of scissors glittered in the light.

"What shall we do?" wailed the princess.

"I'll call the captain," volunteered her companion, wringing her hands.

"No! Don't you see? There'd be questions—too many questions. It would ruin everything." As the princess stood hesitating miserably the strains of music from a concertina drifted through the walk of the cabin. As though moved by a spring, Olga opened the door and hurried toward King's cabin.

Mandini stopped playing and let the wind wheeze out of his instrument as the princess flung the door open and stood staring at him, white-faced.

"Please," she whispered at last. "You come to my room—now."

Still holding his concertina in one hand, King hurried out, leaving Benton staring speechlessly after him.

All expression left the musician's face as he entered the royal suite and beheld the body on the floor. Quickly he closed the door and put his concertina on a stand near it. Next he went to the body, knelt beside it and assured himself that Darcy was dead. Then he looked at the girl inquiringly.  
"We know nothing," she said unsteadily. "When we come in just now he is here—like that."

"Mr. Mandini," interrupted the older woman, "for reasons of state we simply cannot report this to the captain. Surely you can understand how distressing the situation is for Her Highness."  
"How much money did you give him?" King asked softly.  
"Five thousand francs and..." The princess clapped her hand over her mouth, realizing that she had said too much.

King unwrapped the cellophane covering from a package of cigarettes which he had taken from his pocket. Holding this between his fingers he pulled out Darcy's wallet, opened it—and found the money compartment empty. Showing this to the women he carefully replaced the wallet where he had found it. Then, without a word, he hurried out of the cabin.

A moment later he returned with Benton.

"Where'll I put it?" His bodyguard seemed entirely unimpressed.

"Anywhere... an empty cabin."  
As King stooped over to help pick up the body, he noticed a perfume bottle which had been knocked to the floor. Automatically he picked it up and replaced it on the table. Then he and Benton dragged the corpse into the corridor.

"Forget everything that's gone on here," he said over his shoulder. "It never happened—understand? None of it. If anyone asks questions, Princess, give them that blank stare you handed me this afternoon. You keep your nerve. Both of you get up on deck—the salon—any place where people'll see you. Keep moving. Get the idea!"

He closed the door behind him and departed. The women put on their things and did likewise, leaving the forgotten concertina behind them.

"What did you do a thing like that for?" inquired King, when, after the body had been disposed of, he and his friend had returned to their cabin and were washing their hands and examining their clothing for bloodstains. "If you had to bump off Darcy, why put him in her room?"

"Mell" Benton was surprised and hurt. "Do you think I'd bump him off with a pair of scissors? Not," he added thoughtfully, "but what it's a good idea. How did you happen to think of using them?"

"Using what?" demanded King. As he realized that his friend suspected that he had committed the crime he started to object strenuously, then realized the futility of such action and shrugged instead.

While these things had been transpiring on B deck, the five detectives and the captain had held another conference and decided that since Petroff could not be found he might be the murderer, Paul Merko. Therefore they hurried out in a body to search the baggage in Petroff's cabin.

The captain unlocked the door with a pass-key, turned on the light and gasped. Darcy's body lay on the bed, its back toward the door.

"Darcy!" cried Inspector Cragg after

a moment's inspection. "I know this man; he was a notorious blackmailer. We ran him out of London."  
"With your permission, Captain..."  
Lorel started removing articles from Darcy's clothing and handing them to Cragg and the other detectives. "Meanwhile, mes confreres, I think you will agree—a woman's work—is this."  
"I do not think so," said Kawati, as he inspected the articles which had been handed him. These were a cigarette case holding Darcy's monogrammed brand and a folded passenger list on which the names of the princess, King Mandini and Petroff had been checked off in pencil.

(To be continued.)

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**PATRMOUNT MEMORIAL PARK.** Spokane's most beautiful cemetery. "Park of the Pioneer." Office, 816 1/2 Riverside; grounds, Fairmount.

**BATTERIES—FARM LIGHT**  
**FARM LIGHT BATTERIES, NEW & rebuilt.** Write ALADDIN BATTERY MFG. CO. W1517 First. Spokane

**DENTISTS**  
**DR. G. BIRWELL, MANN D. M. D.** Dentistry and X-ray. 609 Paulsen Bldg. Phone Main 3773

**DETECTIVE AGENCY**  
ALL KINDS OF DETECTIVE WORK by experts! SPOKANE INVESTIGATION SERVICE, 410 Ziegler Bldg. Main 5069. Night, Riv. 3863.

**DENTISTRY**  
**PROTECT YOUR HEALTH WITH GOOD TEETH.** Many chronic ailments begin with neglected cavities, pyorrhea and other tooth conditions. Come in now for a complete examination.

**DR. J. T. WILSON, DENTIST** Across Stevens from Old Nat'l Bank

**ELECTRICAL EQUIPMENT**  
**DELCO & OTHER LIGHT PLANTS,** \$40 and up. Batteries, lamps, motors, etc. Sell, trade or repair. Nixon Kimmel Co., 8167 Wall, Riv. 4161. Nite R. 4420.

**NEW & USED ELECTRIC MOTORS OF** all sizes sold and repaired. Electric water systems and pumps of all kinds. **AUSTIN HENDERSON CO.**

**FURNITURE**  
**USED AND RECONDITIONED FURNITURE**  
Bed Davenport in excellent condition, \$5.00 to \$18.00.  
Leather Couch, \$5.00.  
Cogswell Chair, new cover, \$15.00.  
Many other bargains in used furniture. **BARRETT MFG. CO.** 417 Riverside (Paulsen Bldg.) Spokane

**FARM MACHINERY—FOR SALE**  
**NEW & USED HAMMER MILLS** Also Fanning Mills  
**MITCHELL LEWIS & STAVOR CO.** S121 Lincoln

**FLORESTS**  
**FLOWERS FOR ALL OCCASIONS.** Funeral flowers a specialty. Spokane Florist Company, Sprague & Howard.

**FLOORING**  
**NEW FLOORS LAID, SANDED, FIN-ished.** Old floors are finished like new. All work guaranteed. Ideal Floor Co., 8208 Washington, Riv. 5418.

**GLASS—AUTO—SAH—DOORS**  
**NEW & USED AUTO GLASS, PLATE** and window glass. Sash and doors. **SPOKANE GLASS CO.** 1109 Second.

**GRINDING WORKS**  
**WE SHARPEN PLANER KNIVES,** paper knives, lawn mowers, butchery tools, saw filing. Spokane Grinding Works, S122 Madison St.

**GUNS REWENTED & REPAIRED**  
**GUNS REMODELED, REBORED AND** repaired. Expert model work. Satisfaction guaranteed. G. H. Goude, E3104 Sprague Ave.

**HOTELS**  
**THE EMPIRE HOTEL OFFERS YOU REAL COMFORT WITHOUT EXTRAVAGANCE**  
Free Unlimited Parking Space  
Riverside at Division Spokane

**HALLIDAY HOTEL**  
Sprague & Stevens. Entirely renovated. Across from Ramp garage. Accessible to all stores and theaters.

**DEMPSEY HOTEL, INC., 407 TRENT,** opp. Union Sta. Rooms 60c to \$1.50. Hot & cold water, phone & private baths. **ROBT J. DEMPSEY, Mgr.**

**LOANS**  
\$5.00 TO \$60.00  
On Your Personal Note  
**LOCAL FINANCE CO.**  
321 Rookery Bldg., Spokane

**LAUNDRIES**  
**CASCADE LAUNDRY CO., E1001 Trent,** Complete laundry, hat, carpet and dry cleaning service. Parcel post paid one way.

**LOCKSMITH & SAFE EXPERT**  
**COREY SAFE & LOCK CO.**  
Saves opened—bought & sold. We go anywhere. Auto keys by number, orders shipped promptly. S107 Monroe. Main 4543.

**LUMBER**  
**SHINGLES, \$2.55; RUSTIC, \$18.00;** shtap, \$16.00; paper, 80c.  
**CRESTLINE LUMBER CO.**  
N1601 Division Brdy. 5241

**MONUMENTS**  
**SPOKANE MONUMENTAL CO. LEAD-Ing** dealers. Designs and prices by mail. South end of Monroe St. bridge. Main 1844.

**PIPE, BELTING & SACKS**  
**BELTING BARGAINS, PIPE BAR- gains** sack bargains, many others.  
**ALASKA JUNK CO., S116 Adams St.,** Spokane, Wash.

**PHYSICIANS**  
**E. E. BRILEY, M. D.** 302 Hyde Bldg. Specialist in rectal & chronic diseases.

**PRINTING**  
**AUCTION BILLS, DANCE BILLS, BUT-ter** wrappers and all kinds of job work. Write C. J. Lee, 611 Jamieson Bldg., Spokane, Wash.

**RADIOS**  
**NEW ZENITH 6-TUBE 1000-HOUR** battery radio, complete, reg. \$70.00—\$39.00. Console, reg. \$90—\$49.00. Electric radios, \$8.95. Consoles, \$15.00. 3000 good used tubes, 15c to 50c. Parts and service. All makes reasonable. Inland Radio Co., W822 First.

**ROOFING**  
**EL REY SLATE SURFACE, 5-YEAR** maintenance. P. H. A. terms, 36 months. Black & Fuller Co., E121 Third.

**RUBBER STAMPS & SEALS**  
**RUBBER & METAL STAMPS, STEN-til** checks, brass signs. **PACIFIC STAMP WORKS,** W616 Sprague.

**MARKING DEVICES**  
**INLAND STAMP WORKS, S17 WASH-ington** St. Rubber Stamps, Seals, Stencils. Special waterproof ink for marking butter wrappers, Cellophane wax paper.

**PRINTING**  
**AUCTION BILLS, DANCE BILLS,** butter wrappers and all kinds of job work. Write C. J. Lee, 619 Jamieson Bldg., Spokane, Wash.

**SERVICE STATIONS**  
**LOOK FOR THE FLYING HORSE AT** KIRSCHNER'S SERVICE STATION, 2nd & Maple. On the way to city center. Lubrication specialists.

**SPORTING GOODS**  
**ALL MAKES OF GUNS REPAIRED** Full line of sporting supplies. **WARE, COCHRAN & COULTAS** 422 Sprague Ave. Spokane

**GUNS REPAIRED — BOUGHT ANY** traded. Baseball and athletic goods. Send for catalogue. **JOHN T. LITTLY** SEPT. GOODS CO., N111 Howard St. Spokane.

**STOVE & FURNACE REPAIRS**  
**MEYER RUBENS, W1009 FIRST, SPO-**kane. Stove and oil stove repair. Nickel, silver plating. fireplace fix-tures. Water heaters.

**TOOLS AND DIES**  
**SPOKANE TOOL, DIE & MACHIN-Works.** Inventors' models. W14 Sprague, Spokane.

**TYPEWRITERS**  
**KERSHAW'S, 612 SPRAGUE AVE.** Rebuilt late Underwood .....\$39.50  
Nearly new Remington Portable. 35.00  
New Allen Adding Machine ..... 65.00

**WATCH REPAIRING & JEWELRY**  
**DIAMONDS—WEDDING RINGS.** Use your charge or time payment.  
**P. B. KLATT, Jeweler**  
Montgomery Ward Bldg., Spokane  
**WELDER DISTRIBUTORS—**

**ELECTRIC & GAS**  
**LINCOLN WELDER CO.** 1009 BROAD-way. Are and Gas Welders' equip-ment & supplies. Electrodes, Gas Rods, Fluxes.

**FIND IT HERE**  
**Save Steps--Save Time**  
**Save Money**

You will find the Spokane Business and Professional Directory a quick, safe guide to reliable service in every line listed on this page.

**Before Buying A Car**  
**BE SURE AND SEE YOUR NEAR-EST OLDSMOBILE DEALER FOR THAT NEW CAR OR A SAFETY TESTED USED CAR.**

If No Dealer Near You See **Barton Auto Co.**  
916 SECOND AVE. SPOKANE



# Week's Radio Programs-KHQ, KFIO, KFPY, KPGA, KGA

## SUNDAY AUGUST 16 MONDAY AUGUST 17 TUESDAY AUGUST 18 WEDNESDAY AUGUST 19 THURSDAY AUGUST 20 FRIDAY AUGUST 21 SATURDAY AUGUST 22

**KHQ**  
8:00 Maj. Bowes Capitol Theater  
8:30 Chicago Round Table  
9:00 Olympic Closing Ceremony  
9:30 Joan & the Bacotts  
10:15 Salzbürg Music Festival  
10:30 Peter Absolute  
11:00 Chautauqua Symp. Orch.  
12:00 Widows' Sons  
12:30 Words & Music  
1:00 Sunday Special  
1:30 Egyptian Choral Club  
2:00 Catholic Hour  
2:30 Echoes from Orchestra Pit  
3:15 Olympic Games Resume -  
3:30 The Scene Changes  
3:45 Jose Ramirez & Argentines  
5:00 Manhattan Merry-go-round  
5:30 Am. Album Familiar Music  
6:00 Natl. Music Camp Pgm.  
7:00 Sunset Dreams  
7:30 Jello Summer Show  
8:00 Ches. Paroe Orchestra  
8:30 One Man's Family  
9:00 Passing Parade  
9:15 Stringtime  
9:30 Vista del Lago Orchestra  
10:00 Richfield Reporter  
10:30 Bridge to Dreamland  
11:00 Beaux Arts Trio  
11:30 Jack Meakin Orchestra

**KFIO**  
8:00 Band Concert  
8:30 Missionary Alliance  
9:00 Band Concert  
9:45 Valleyford Hill Billies  
10:00 Quartet  
11:00 Organ Concert  
11:30 Ed Fetz—Piano  
12:00 Interesting Facts  
12:00 Melodie Time  
12:30 Broadway Baptist  
1:00 Grange Program  
2:00 Baseball—W. League  
4:00 Resettlement  
6:00 Tap Dance Review  
6:00 Song of Evening

**KFPY**  
9:00 Church of the Air  
9:30 Eddie Dunn, Baritone  
9:45 Eddie Dunn  
10:00 Kreiner String Quartet  
10:30 St. Louis Blues  
11:00 Everybody's Music  
12:00 Sunday Serenade  
12:30 Songs of Russia  
1:00 Ann Leaf's Musicale  
1:30 Two Pianos & Ray Russell  
2:00 News  
2:30 To be announced  
2:45 The Chicagoans  
3:00 Clyde Lucas Orchestra  
3:30 Annals of the Ages  
4:00 American Dances  
4:30 Summer concert Orchestra  
5:00 Community Sing  
7:00 Vincent Lopez Orchestra  
7:30 Bob Crosby Orchestra  
8:00 The American Campaign  
8:15 Johnny Johnson Orchestra  
8:30 Cathedral St. John  
9:00 Milton Charles, Organ  
9:15 Scheibel Orchestra  
9:30 Newspaper of the Air  
9:45 Street of Dreams  
10:15 Ellis Kimball Orchestra  
10:45 Jack Barber  
11:00 Fireside Hour  
11:15 Gaylord Carter

**KGA**  
8:00 Happy Jack  
8:15 Hollywood Hi Hatters  
8:30 Radio City Music Hall  
8:35 Watchtower  
9:30 Highlights of the Bible  
10:00 Magic Key  
11:00 "You" Gilbert Seldes  
11:15 Cloister Bells  
11:30 Benny Rabnoff  
12:00 Sunday Vespers  
12:30 Washfast & Figsbottle  
1:00 Watchtower  
1:05 Tom Terris Orchestra  
1:30 NBC Concert Hour  
2:00 Olympic Games Resume  
2:30 Dances of Yesterday  
3:00 Reflections  
3:30 Jeanne Cowen  
4:00 Musical Comedy Revue  
4:30 Watchtower  
4:45 Our Saviour's Lutheran Church  
5:00 Cornelia Otis Skinner  
5:15 Paul Whiteman  
6:00 Twilight Hour  
6:30 Dreams of Long Ago  
7:00 Twin City Foursome  
7:15 Palace Hotel Ensemble  
7:30 Hollywood Hi Hatters Or.  
8:00 Rudy Siegel Orchestra  
8:30 St. Francis Hotel Orchestra  
9:00 Fuller Revival Hour  
9:30 Readers Guide  
9:00 Bel Tabarin Orchestra  
1:15 Palace Hotel Orchestra  
1:00 Chas. Runyon

**KHQ**  
7:00 Morning News  
7:15 Metropolitan Melodies  
7:30 Early Birds  
7:45 Voice of Experience  
8:00 Christina  
8:15 Merry Madcaps  
8:30 Dan Harding's Wife  
8:45 News Comments  
9:00 Joe White  
9:15 Mayfair Casino Orchestra  
9:30 KIQ News  
9:45 Home Service  
10:00 Rhythmic Parade  
10:15 Sylvia Gray  
10:30 Bell Organ Concert  
11:00 Pepper Young's Family  
11:15 Ma Perkins  
11:30 Vic and Sade  
11:45 The O'Neills  
12:00 News  
12:15 Business & Pleasure  
12:45 Our Neighbor Speaks from  
Clarkson  
1:00 Angelo Vitale Band  
1:15 Club Bulletin  
1:30 Jerry Sears Orchestra  
2:00 Women's Magazine  
3:00 Easy Aces  
3:15 Voice of Experience  
3:30 Home Town Sketches  
3:45 News Album  
4:00 Beach Party  
4:30 Jack Meakin  
5:00 Ben Bernie  
5:30 Ed Wynne & Graham  
6:00 WPA Records  
6:30 Nick Deacon  
6:30 Barry McKinley  
7:00 Amos and Andy  
7:15 WPA Records  
7:30 Winning the West  
8:00 Town Hall  
8:00 Colonel & His Friends  
8:30 Home Hopkin's Orchestra  
9:45 Charlie Chan  
10:00 Richfield Reporter  
10:15 St. Francis Hotel  
10:30 Mark Hopkins Hotel Orch.  
11:00 Les Hite Orchestra  
11:30 Deauville Club Orchestra

**KFPY**  
6:00 Early Bird Band  
6:15 Melodies of the South  
6:30 Around the Globe  
6:45 Old Times Hour  
7:00 Musical Clock  
7:15 Farm Flashes  
7:45 Organ Odes  
8:00 Concert Period  
9:00 Weather Report  
9:15 Sacred Quarter Hour  
9:30 Recordings  
9:45 Today's Dance Hits  
10:00 Housewives' Hour  
10:30 Martial Arts  
11:00 Organ Concert  
11:30 Road Report  
12:15 Recordings  
12:30 Revival Center Tabernacle  
1:00 Social Correspondent  
1:30 Window Shopper  
1:45 Time Signal  
2:15 Timely Tips  
3:00 Request  
4:15 Bell's Twilight Program  
4:45 Washington Wranglers  
5:00 Time Signal  
6:00 Dinner Dance  
6:45 Hawaiian Melodies  
7:00 Song of Evening

**KPGA**  
6:50 U. of Idaho Flashes  
7:00 Devotional  
7:15 Organ Revue  
8:00 Between the Bookends  
8:15 Piano Melodies  
8:30 Emery Deutch Orchestra  
9:00 Gold Medal Hour  
10:00 Judy & Jesters  
10:15 Durkee's Foods  
10:30 Dictators Orchestra  
11:00 Musical Organ Matinee  
11:30 Mayfair Singers  
12:00 Great Lakes Revue  
12:30 Noon News  
1:00 Columbia Concert Hall  
1:15 Jimmy Farrell  
1:30 Billy Mills Orchestra  
1:45 Wilderness Road  
2:15 Wonders of Heaven  
2:30 Alex Cores  
2:45 Chappel Moments  
3:00 Feminine Fancies  
3:30 William Mercer  
3:45 Mark Harrington  
4:00 Dream Avenue  
4:15 Judy & Her Jesters  
4:30 Minute News  
4:45 Tea Timers  
5:00 Interpreter  
5:15 Troubadours  
5:30 Camel Hump  
6:00 March of Time  
6:45 Democratic Party "Happy Days"  
7:00 Kinman Business U.  
7:15 Wilbur Robinson Orchestra  
7:30 Ken Murray  
8:00 Tommy Dorsey  
8:30 Dick Siegel Orchestra  
9:00 Chevrolet Program  
9:15 Love Story Program  
9:30 Newspaper of the Air  
9:45 Street of Dreams  
10:15 Billie Martin Orchestra  
10:30 Bobby Grayson on Sports  
10:45 Slim Martin  
11:15 Everett Hoagland Orch.  
11:30 Isle of Dreams

**KHQ**  
7:00 Morning News  
7:15 Western Diesel School  
7:30 Early Birds  
7:45 Walter Blaufuss Orchestra  
8:00 Shoe Doctors  
8:15 Fashion Parade  
8:30 Dan Harding's Wife  
8:45 News Comment  
9:00 Lotus Gardens Orchestra  
9:15 Gems of Melody  
9:30 News  
9:45 Home Service  
10:00 Music Guild  
10:15 Sylvia Gray  
10:30 Bell Organ Concert  
11:00 Pepper Young's Family  
11:15 Ma Perkins  
11:30 Vic and Sade  
11:45 The O'Neills  
12:00 News  
12:15 Business & Pleasure  
1:00 Afternoon at McNella's  
1:15 Club Bulletin  
1:30 Martha Meade & Hazel Warner  
2:00 Women's Magazine  
3:00 Easy Aces  
3:15 Voice of Experience  
3:30 Home Town Sketches  
3:45 News Album  
4:00 Beach Party  
4:30 Jack Meakin  
5:00 Ben Bernie  
5:30 Ed Wynne & Graham  
6:00 WPA Records  
6:30 Nick Deacon  
6:30 Barry McKinley  
7:00 Amos and Andy  
7:15 WPA Records  
7:30 Winning the West  
8:00 Town Hall  
8:00 Colonel & His Friends  
8:30 Home Hopkin's Orchestra  
9:45 Charlie Chan  
10:00 Richfield Reporter  
10:15 St. Francis Hotel  
10:30 Mark Hopkins Hotel Orch.  
11:00 Les Hite Orchestra  
11:30 Deauville Club Orchestra

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6:00 Early Bird Band  
6:15 Melodies of the South  
6:30 Around the Globe  
6:45 Old Times Hour  
7:00 Musical Clock  
7:15 Farm Flashes  
7:45 Organ Odes  
8:00 Concert Period  
9:00 Weather Report  
9:15 Sacred Quarter Hour  
9:30 Recordings  
9:45 Today's Dance Hits  
10:00 Housewives' Hour  
10:30 Martial Arts  
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12:30 Revival Center Tabernacle  
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12:30 Noon News  
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1:15 Jimmy Farrell  
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1:45 Wilderness Road  
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2:30 Alex Cores  
2:45 Chappel Moments  
3:00 Feminine Fancies  
3:30 William Mercer  
3:45 Mark Harrington  
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4:30 Minute News  
4:45 Tea Timers  
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5:15 Troubadours  
5:30 Camel Hump  
6:00 March of Time  
6:45 Democratic Party "Happy Days"  
7:00 Kinman Business U.  
7:15 Wilbur Robinson Orchestra  
7:30 Ken Murray  
8:00 Tommy Dorsey  
8:30 Dick Siegel Orchestra  
9:00 Chevrolet Program  
9:15 Love Story Program  
9:30 Newspaper of the Air  
9:45 Street of Dreams  
10:15 Billie Martin Orchestra  
10:30 Bobby Grayson on Sports  
10:45 Slim Martin  
11:15 Everett Hoagland Orch.  
11:30 Isle of Dreams

**KHQ**  
7:00 Morning News  
7:15 Sweethearts of the Air  
7:30 Early Birds  
7:45 Voice of Experience  
8:00 Christine  
8:15 Fashion Parade  
8:30 Dan Harding's Wife  
8:45 News Comment  
9:00 Mary Dieterich  
9:15 Gems of Melody  
9:30 KHY News  
9:45 Home Service  
10:00 Thursday Matinee  
10:15 Sylvia Gray  
10:30 The Milky Way  
10:45 Bell Organ Concert  
11:00 Forever Young  
11:15 Ma Perkins  
11:30 Vic and Sade  
11:45 The O'Neills  
12:00 News  
12:15 Business & Pleasure  
12:45 Our Neighbor Speaks from  
Odessa  
1:00 Walter Logan's Musicale  
1:15 Club Bulletin  
1:30 Martha Meade & Hazel Warner  
2:00 Women's Magazine  
3:00 Easy Aces  
3:15 Voice of Experience  
3:30 Home Town Sketches  
3:45 News Album  
4:00 Beach Party  
4:30 Jack Meakin  
5:00 Ben Bernie  
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6:00 WPA Records  
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7:15 Don Jose  
7:30 Early Birds  
7:45 Walter Blaufuss Orchestra  
8:00 Christine  
8:15 Fashion Parade  
8:30 Dan Harding's Wife  
8:45 News Comment  
9:00 Mary Dieterich  
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6:00 March of Time  
6:45 Democratic Party "Happy Days"  
7:00 Kinman Business U.  
7:15 Wilbur Robinson Orchestra  
7:30 Ken Murray  
8:00 Tommy Dorsey  
8:30 Dick Siegel Orchestra  
9:00 Chevrolet Program  
9:15 Love Story Program  
9:30 Newspaper of the Air  
9:45 Street of Dreams  
10:15 Billie Martin Orchestra  
10:30 Bobby Grayson on Sports  
10:45 Slim Martin  
11:15 Everett Hoagland Orch.  
11:30 Isle of Dreams

**KHQ**  
7:00 Morning News  
7:15 Western Diesel School  
7:30 Early Birds  
7:45 Voice of Experience  
8:00 Christine  
8:15 Fashion Parade  
8:30 Dan Harding's Wife  
8:45 News Comment  
9:00 Mary Dieterich  
9:15 Gems of Melody  
9:30 KHY News  
9:45 Home Service  
10:00 Thursday Matinee  
10:15 Sylvia Gray  
10:30 The Milky Way  
10:45 Bell Organ Concert  
11:00 Forever Young  
11:15 Ma Perkins  
11:30 Vic and Sade  
11:45 The O'Neills  
12:00 News  
12:15 Business & Pleasure  
12:45 Our Neighbor Speaks from  
Odessa  
1:00 Walter Logan's Musicale  
1:15 Club Bulletin  
1:30 Martha Meade & Hazel Warner  
2:00 Women's Magazine  
3:00 Easy Aces  
3:15 Voice of Experience  
3:30 Home Town Sketches  
3:45 News Album  
4:00 Beach Party  
4:30 Jack Meakin  
5:00 Ben Bernie  
5:30 Ed Wynne & Graham  
6:00 WPA Records  
6:30 Nick Deacon  
6:30 Barry McKinley  
7:00 Amos and Andy  
7:15 WPA Records  
7:30 Winning the West  
8:00 Town Hall  
8:00 Colonel & His Friends  
8:30 Home Hopkin's Orchestra  
9:45 Charlie Chan  
10:00 Richfield Reporter  
10:15 St. Francis Hotel  
10:30 Mark Hopkins Hotel Orch.  
11:00 Les Hite Orchestra  
11:30 Deauville Club Orchestra

**KFPY**  
6:00 Early Bird Band  
6:15 Melodies of the South  
6:30 Around the Globe  
6:45 Old Times Hour  
7:00 Musical Clock  
7:15 Farm Flashes  
7:45 Organ Odes  
8:00 Concert Period  
9:00 Weather Report  
9:15 Sacred Quarter Hour  
9:30 Recordings  
9:45 Today's Dance Hits  
10:00 Housewives' Hour  
10:30 Martial Arts  
11:00 Organ Concert  
11:30 Road Report  
12:15 Recordings  
12:30 Revival Center Tabernacle  
1:00 Social Correspondent  
1:30 Window Shopper  
1:45 Time Signal  
2:15 Timely Tips  
3:00 Request  
4:15 Bell's Twilight Program  
4:45 Washington Wranglers  
5:00 Time Signal  
6:00 Dinner Dance  
6:45 Hawaiian Melodies  
7:00 Song of Evening

**KPGA**  
6:50 U. of Idaho Flashes  
7:00 Devotional  
7:15 Organ Revue  
8:00 Between the Bookends  
8:15 Piano Melodies  
8:30 Emery Deutch Orchestra  
9:00 Gold Medal Hour  
10:00 Judy & Jesters  
10:15 Durkee's Foods  
10:30 Dictators Orchestra  
11:00 Musical Organ Matinee  
11:30 Mayfair Singers  
12:00 Great Lakes Revue  
12:30 Noon News  
1:00 Columbia Concert Hall  
1:15 Jimmy Farrell  
1:30 Billy Mills Orchestra  
1:45 Wilderness Road  
2:15 Wonders of Heaven  
2:30 Alex Cores  
2:45 Chappel Moments  
3:00 Feminine Fancies  
3:30 William Mercer  
3:45 Mark Harrington  
4:00 Dream Avenue  
4:15 Judy & Her Jesters  
4:30 Minute News  
4:45 Tea Timers  
5:00 Interpreter  
5:15 Troubadours  
5:30 Camel Hump  
6:00 March of Time  
6:45 Democratic Party "Happy Days"  
7:00 Kinman Business U.  
7:15 Wilbur Robinson Orchestra  
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11:30 Isle of Dreams

**KHQ**  
7:00 Morning News  
7:30 Early Birds  
7:45 Manhattans  
8:00 Concert Miniature  
8:15 Fashion Parade  
8:30 Merrit Madcaps  
9:00 Rex Battle Ensemble  
9:15 Gems of Melody  
9:30 News  
9:45 Mayme Johnson  
10:00 Southern Tavern Orchestra  
10:15 Sylvia Gray  
10:30 Bell Organ Concert  
11:00 Pepper Young's Family  
11:30 Weck-End Revue  
12:00 News  
12:15 Western Agriculture  
1:00 Three Continentals  
1:30 Blue Prelude  
2:00 Otto Thurn Orchestra  
2:30 Sonia Eszen  
2:45 Musical Sketches  
3:00 Connie Gatten  
3:15 Heine's Grenadiers  
3:30 Heine's Royalists  
3:45 News Album  
4:00 St. Francis Hotel Orchestra  
4:30 Meredith Wilson  
5:00 Jamboree  
5:30 Shell Chateau  
6:00 News Album  
7:00 National Barn Dance  
8:00 Old Time Party  
9:00 Grand Terrace Orchestra  
9:30 Oriental Gardens Orch.  
10:00 KHY News Comment  
10:15 St. Francis Hotel Orchestra  
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**HOLLYWOOD NOTES**

Six-foot-five Smith Ballou, emcee of NBC's Shell Chateau, who is one of the tallest men on the air, is married to his college sweetheart, who barely reaches the five-foot mark. Believes it or not, dancing is one of their favorite pastimes.

In an effort to keep up on women in world events, Beverly King subscribes to every important publication — and what's more, reads them all. Only in that way, she says, can she keep her NBC Thursday night program, "Women in the Headlines," up to the standards of timeliness.

Favorite dishes of the NBC stars in Hollywood are: Chili for Marion Talley; Mrs. Koestner's Irish stew for Josef Koestner; orange juice and black coffee for Elza Schallert; apple pie for Bing Crosby; "anything but sprouts" warns Eddie Holden (Frank Watanabe); raw sauerkraut and fried chicken for Bob Burns; plantation shortcake for Carlton Kaddell; a steak for Amos, and a bigger steak for Andy.

**TED MAXWELL IS BACK FROM EAST**

Making his first appearance in a program from San Francisco since his return to California from Chicago last week, Ted Maxwell will be in the cast of Hawthorne House when this program is broadcast over an NBC-Red network Monday, August 10, at 9:00 p. m., P. S. T.

Maxwell is one of the outstanding names in western radio, having written, produced and acted

in some of the most successful programs originated in the San Francisco studios of NBC. Several years ago Maxwell left the west to become identified with NBC in Chicago. "Lights Out," "Girl Alone" and "First Nighter" are some of the plays in which he participated during his stay in the east.

In the forthcoming episode of Hawthorne House, Mel Sherwood

learns a great deal more about some of the inner workings of the Novelty Importing company and its practices—his mentor being the Irish foreman of the shipping department, Dennis Kelly, a new role to be played by Maxwell.

Whether or not Mel will accept the punchboard sales job at \$75 a week, forms the central theme of the episode.

**CLOSE OF OLYMPIC GAMES TO BE GIVEN**

The pomp and pageantry which mark the end of the 11th Olympic games of modern times will be brought to America in a broadcast over the Columbia network on Sunday, August 16, from 9:35 to 10:00 a. m., P. S. T. In this grand finale, culminating Columbia's series of 30-odd broadcasts from the Olympic games, listeners will be present figuratively at the lowering of the Olympic

torch, which has flamed on an altar since it was borne into the stadium on August 1, by runners who had carried it in relays from Athens, Greece. Finally, with the playing of trumpets and the mass singing of the Olympic hymn, the games will end. These ceremonies are to be preceded with an address by Mayor Frank L. Shaw of Los Angeles, scene of the 1932 Olympics, and by the announcement of Japan as host to the world's athletes in 1940. Describing the scenes for CBS listeners will be Ted Husing, foremost radio sports commentator, and Bill Henry, sports technical director for the 1932 Olympics.

**FIRST NIGHTER RETURNS TO NBC NETWORK SEPT. 4**

First Nighter, one of radio's oldest and most popular dramatic programs, will return to the air with Don Ameche in the starring role on Friday, September 4, and will be broadcast weekly at 6:00 p. m., P. S. T., over the NBC-Red

network. Beginning October 2, First Nighter will be heard each Friday at 7:00 p. m., P. S. T.

The program again will be sponsored by the Campana Sales company, as it has been since it came to the networks of the National Broadcasting company on November 25, 1930.

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## Helpful Hints for Farmers In Meeting Weed Problem

Spokane county farmers are keenly aware of the great loss caused by weeds, as shown by the fact that approximately 7,000 pounds of chlorate weed eradicator was used in the county last year, says Wm. J. Green, county agent.

Weeds take an annual toll from our farmers probably greater than the taxes they pay. In addition to the direct loss by decreased production the cost of holding weeds in check is another immense item of cost when totaled for the nearly 5,000 farmers in the county.

### Use Sodium Chlorate.

The common cultivation methods used to control such annual weeds as mustard and wild oats, are not adequate to control the deep rooted perennial weeds such as morning glory, Canada thistle, Russian knapweed, blue lettuce, hoary cress, and poverty weed. The most common and successful method of controlling these deep rooted perennials is by the application of some form of sodium chlorate.

### You Can Apply It Dry.

Formerly, this chemical was applied as a spray but recently it has been found to give just as satisfactory results if applied dry. The dry application is much less expensive because it eliminates expensive spray machinery and the hauling of great quantities of water.

### How To Use It.

The rate of application of this chemical depends upon the type of weed and the condition of the ground. Usually two pounds of sodium chlorate per square rod will kill morning glory, but four or five pounds per square rod are necessary to eradicate such weeds as Canada thistle and Russian knapweed. In treating these weeds care should be exercised in getting an even application which extends three or four feet beyond the plants around the outside of the path.

### Some More Hints.

Many farmers are already inquiring about the chemical treatment of these noxious weeds, but experience has taught that late treatment, say September or October, has even better results than earlier treatments.

Kills are usually poor in irrigated or sub-irrigated land. The most satisfactory kills have been on stubble land, late in the fall after grain crops have been harvested.

On large acreage of morning glory and Canada thistle where chemical treatment would be prohibitive farmers have been successful in holding these weeds in check by sowing alfalfa. Where good stands of alfalfa have been secured these weeds have been eradicated, if the alfalfa has stood over a number of years.

A machine to electrocute chickens has been invented by two California poultrymen. It kills the chickens painlessly, gives them a thorough cleaning, then puts them through a process that allows them to be plucked quickly without tearing the skin. All at the rate of 750 birds an hour.

## PRECIOUS STONES

E. M. REVITT

Many gemstones and semi-precious stones are carved into figures, representing scenes, events, myths and portraits, the raised carvings called cameos and sunken carvings are intaglios. Some are both sunken and then raised. These are called chevottes, so the name cameo does not refer to a class of gem stone but to the cutting. Precious stones such as emeralds and rubies are known to have been cut into cameos, but the semi-precious stones are the most common, such as onyx, sardonyx, jasper, tiger-eye, hemiteite and a variety of others. Cameo cutting dates back to the pharaohs of Egypt, when they had seals made from jasper showing figures of their own likeness or seals of state such as winged lions, figures of half man and half animal. These are the first recorded efforts of cameo cutting or in reality these were intaglios for all of them were sunken figures. These were cut with a sapphire as the cutting tool. Today these genuine Egyptian seals bring a very fancy price.

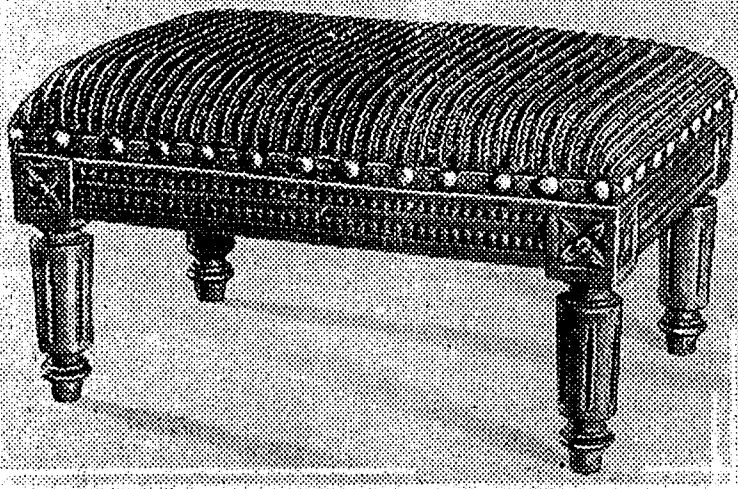
Egyptian scarabs are seals cut into the shape of beetles from jasper, and have the seal of the ruler on the under side, frequently being drilled through from end to end, set in a ring so they can be turned over and used as a seal as well as an ornament. It is recorded that Cleopatra gave an emerald carved in the likeness of herself, to the builder of her barge, for her historic trip with Anthony; also Ptolemy owned a pendant carved from jasper, that had been considered sacred by the priests. This charm was a protection against illness. In connection with this, he possessed an eye-jasper that permitted him to see into the future.

Cameos are also cut from shell, coral, jet and from volcanic lavas. Most of the cutting is done in Europe, principally in Italy. It has been done there for hundreds of years. Milan, Genoa and many other places have turned out some of the most artistic pieces of work, from all kinds of material. Many of the old cameos and intaglios are real portrait work, carved from actual life characters. Many are from real scenes, rural and historic. Many are from the ancient Roman myths, and interpretations of Biblical scenes are quite common; also some are copies of famous paintings. Any artistic subject is material for the cameo cutter.

The cameos of years ago far surpass the work that is done today. Years ago time meant little and the cutter executed on real artistic work, whereas today the spirit of commercialism governs and they are interested in how many they can turn out all alike at a cheap price; however, some nice work is still being done, but none to compare with what was done years ago.

The tools used in the cutting of cameos depend upon the hardness of the material they are cutting. Any

## Crocheted Footstool Cover



Something new, and a bit different from the needlepoint footstool covers, is this cover crocheted of crocheted cord. It is crocheted in a ridge stitch and makes a firm and lovely top for a footstool.

An illustrated sheet of detailed directions will be sent you without charge, if you will send a self-addressed return envelope bearing a three-cent stamp to the CROCHET BUREAU of this newspaper, 619 Jamieson Bldg., Spokane, Wash. Specify "Crocheted Footstool Cover."

## TO FREEZE BARRIER AGAINST DAM SLIDES

GRAND COULEE DAM.—Engineers of MWAK company, builders of Grand Coulee dam, failing in their attempts by removing the overburden to stop the east side mud slides which have so seriously interfered with excavation to bedrock at that point, are now planning to install a large refrigeration plant for the purpose of forming a frozen dam or barrier in the slippery mass extending about 100 feet into the slide area.

Engineers estimate that 1,000,000 yards of earth, possibly more, would have to be removed as an alternative to the freezing plan. The frozen "dam" will be arched back 100 feet into the slide and is to be 25 feet high and 25 feet thick. The engineers say the huge freezing outfit will be the largest ever used in such a task.

Three-inch pipes, called points, are to be sunk at regular intervals into the earth above the present concrete retaining wall, built in the first effort to hold the slides. Ammonia pipes will be run down inside the "points," and operated as in ordinary refrigerators.

The freezing plan was adopted after all other attempts to stop the slides by resloping proved futile. It is said that the freezing can be done at a small fraction of the excavating cost. After the concrete is poured, the slide area will be held back by it.

stone the hardness of agate, sapphire and diamond pointed gravers are the cutting tools, and in softer material such as shell, coral, etc., steel gravers and cutting wheels are used. Even today it is all hand work, but modern equipment such as electric drills, carbide and diamond saws and modern methods in every known way, but the work does not equal the work done years ago, for the spirit of artistry has given way to that of commercialism.

## INTERESTS NOW CENTERS IN BARTLETT PEARS

OKANOGAN, Wash.—With the cherry and apricot deals closed, the main interest in the Wenatchee and Okanogan valleys now centers in Bartlett pears, which will be ready for picking soon. Sales are already reported at \$30 per ton, in bulk, for No. 1s, but growers believe conditions justify a higher price.

The Bartlett pear crop in this district will not be as large as had originally been estimated, due to failure to attain size, it is reported.

nishes bulk, but its principal duty is to protect the leaves which would otherwise be burned by the copper. It is said the copper drifts down promptly and comes to rest on the leaves—both under and upper surface—stalk, and the ground between the rows.

The airplane covers a strip 50 feet wide at one passing. The field dusted was certified Cobblers planted in three days about June 8. Forty pounds of dust were applied to the acre. Mr. Woodman, owner of Sunny Brook Seed farm, has 130 acres of potatoes on his own account and 812 acres planted for the Woodman Potato company.

Dusting by airplane has been employed in the cotton industry since 1926, and but for the airplane the boll weevil would have wiped out this important industry.

The cost of dusting potatoes runs from 50 cents to \$1.50 per acre—about the same as the old system—but does not trample down vines causing usually a loss of about seven barrels of potatoes per acre. Airplane dusting is not practical on less than 20 acres.

A BEETLE, found in Java, secretes a narcotic. It allows ants to feed upon the secretion, then devours them when they are helpless.

## ASPIRATIONS OF ROSALIE

Rosalie Jones Dill, so dispatches from Spokane inform us, wants to go to congress from the Fifth Washington district, as the first congresswoman from our sister state. Rosalie's platform is impressive, but its merit—so it will seem to analytical persons—is largely that of political advantage. It is designed for popularity and to sum the burden of it one need only explain that Rosalie is of that school of politicians which promises the people they may eat their cake and keep it, too. A bountiful government will even see well to it that the slice is more than liberal, while at the same time severely reducing its existing debt and current expenditures. Well, that is indeed one way by means of which a seat in congress is gained.

As the divorced wife of former Senator C. C. Dill, who wore the toga from 1923 to 1935—and ably enough, though without special distinction—Rosalie will have the large furry ear of her public as she sails the stormy seas of politics. If people do not know her personally, they most assuredly know about her, and that is counted a great advantage at the polls. Then there is our innate chivalry also to be reckoned with. A large proportion of the feminine vote probably will be partisan, while the gallants will be disposed to vote for Rosalie for any one or all of three reasons seeming sufficient to them: First, the novelty of sending a woman representative to Washington; second, the name is Rosalie, and, third, didn't Sir Walter Raleigh doff his coat that a queen might pass dry-shod through a puddle? Has Rosalie a chance? Very probably she has better than a chance.

We come now to Rosalie Jones Dill's reason for wishing to go to congress. To be sure, you may account for the desire by citing the spirit of service, as Rosalie does—and as she should. But, even with due allowance for this, a woman would have another reason. And we suspect Rosalie of aspiring to congress just to show that old Senator Dill what a woman his ex-wife really is, and where—as our helpful argot would phrase it—she gets off at. Wade right into them, Rosalie!—Portland Oregonian.

Root vegetables need a longer cooking time than cabbage and greens. And they are cooked in more water—though not too much.

Anyway, the depression cured a lot of people of going around with their noses in the air high-hatting others.

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ON PAGE 7

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## APPLE GROWERS RENEW WAR ON CODLING MOTH

SPOKANE.—Hundreds of Washington state apple growers will meet at Wenatchee August 13, 14 and 15, attracted there by the three Washington State college field day trips, and the announcement that a new "sudden death" codling moth control system will be demonstrated.

Yakima, Kittitas, Benton, Walla Walla and Columbia county growers will meet August 13; Okanogan, Douglas, Spokane and Stevens county growers, the next day, and Chelan county growers August 15, Dr. J. C. Snyder, Washington State college entomologist, announces.

Revolutionary changes are expected in codling moth control as a result of experiments made at the college experiment station at Wenatchee by James Marshall and Dr. Kermit Groves, entomologists.

Spraying of apples after June will be unnecessary henceforth, Marshall is reported to have stated. Codling moth can be controlled even though no materials are applied after the first brood when the apple is only the size of a walnut, it is said.

With good equipment, it can be washed off easily, it is claimed by Fred L. Overly, horticulturist in charge. All of which is just fine and dandy if the experts can prove it; otherwise, apple growers will certainly be a sore bunch.

## ELECTRIC STORM NEAR TWISP

OKANOGAN, Wash.—An electric storm Monday of last week set about 15 or 20 fires in the forests near Twisp. All were small and quickly put under control, it was reported by the forest authorities.

PULLMAN'S COMMUNITY CENTER  
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You'll find the food deliciously different.  
DINE AT AIR-CONDITIONED CAFES  
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IT'S TRUE! By Wiley Padan

CHESTER MORRIS  
SAYS HE WOULD RATHER PLAY TOUGH GUYS, SUCH AS HIS ROLE IN "THREE GODFATHERS", THAN ANY OTHER KIND

WALTER BRENNAN  
"HOLLYWOOD'S MAN WITH THE HIDDEN FACE"; ALWAYS INTERVIEWS THE DIRECTOR IN MAKE-UP!

LEWIS STONE  
IS AN EXPERT ON THE WORKS OF CHARLES DICKENS. HAVING READ ALL OF HIS BOOKS AND APPEARED IN 4 DICKENS STAGE PLAYS.

IRENE HERVEY (THE LOCAL GIRL WHO MADE GOOD) WAS BORN NEAR HOLLYWOOD'S STUDIO.

New York, N. Y.—"IT'S TRUE!" that Virginia Brissac, formerly a star of the stage, and widow of one of the pioneer studio heads of the industry, acts her first role before a motion picture camera, in "Three Godfathers," says Wiley Padan. "As a stage star, she gave Harold Lloyd his first acting job, in her company at San Diego."