

SANDY POST

Published every Thursday at Sandy, Clackamas County, Oregon.

"With charity and justice to all and malice toward none."

ORVAL G. BUTLER, Editor and Owner

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Instructions On Bombs

1—Incendiary Bombs

Prior to the current European war, incendiary was used for setting fire to buildings, crops, food, ammunition supplies, or other combustible material of military importance. Today, incendiary bombs are used for large scale destruction of supplies, transportation lines and munitions. Another purpose of this bomb is to affect public morale.

During an air attack high explosive and incendiary bombs are often used at the same time. When high explosive bombs are dropped in thickly settled sections of a municipality, fires are frequently started. But ordinarily, once the explosive has been detonated the fire which may result does not present any special problem. In the case of a fire bomb attack, however, the incendiary materials are immediately ignited and burn for one to twenty minutes, or even longer, depending on the size and composition of the bomb.

Frequently, incendiaries cannot be extinguished by usual methods of fire fighting. The procedure followed to extinguish an incendiary bomb differs according to the particular kind of bomb encountered. The most commonly used incendiary bomb is made of magnesium alloy. The construction of this bomb is such that an explosion occurs if an attempt is made to extinguish it with a direct stream of water. On the other hand, a phosphorus bomb requires a liberal dosage of water. The two distinct methods of extinguishing a phosphorus bomb and a magnesium bomb indicate the importance of having knowledge of the various types, in order that the safest method may be employed.

Public cooperation will be required as never before, in the event of aerial bombing. A modern aeroplane can carry 2000 or more small incendiary bombs. Any one of these bombs is capable of penetrating the roof of a house, if dropped from a great height. There is proof of the destructive power of incendiaries in every photograph of the havoc wrought in both Great Britain and Germany. A single aeroplane is capable of causing as many as 100 fires during a single raid, if the bombs were dropped in clusters of 20.

If the United States becomes involved in war (which it now is) it will be necessary to instruct every able-bodied citizen in the technique of combating incendiary bombs. It will probably be the responsibility of the members of the various fire departments to instruct the public. Public cooperation will be required because of the destruction of systems of communication and the difficulties with which the firemen would be faced in responding to an alarm during or after an air attack. Streets will be blocked by wrecked buildings and these debris-cluttered thoroughfares will frequently delay the arrival of fire apparatus.

2—Types of Incendiary Bombs

Military experts have classified incendiaries into two categories—intensive and scatter types. The intensive type material burns as a unit. It is devised to set up an intense heat, capable of great havoc. The scatter type bomb flies into fragments upon explosion, and countless small fires break out simultaneously.

The intensive incendiaries sometimes consist of thermite, an ingredient which reacts chemically to form a mass of molten iron, contained in a thin metallic casing. When ignited, it is capable of causing great destruction burning through metals, fabric, or any other type of construction. Another type of incendiary bomb is made of magnesium alloy, and contains an igniting mixture of aluminum powder, barium nitrate and sulphur. The alloy container is ignited by a small charge of the igniting mixture and burns at a very high temperature. The magnesium type is a most common type of aerial incendiary.

The most effective and generally used, scatter type incendiary material is white phosphorus. The phosphorus burns spontaneously when exposed to air. It is capable of starting fires in dry grass, shrubs, or woods. However, phosphorus will not set fire to heavy planks or heavy wooden construction. It can easily ignite a shingle roof, however.

Another scatter type bomb is made of solid oil to which has been added metallic sodium, potassium or sodium hydride. The purpose of the latter ingredients is to rekindle the fire whenever water comes in contact with the oil.

Bombs made of phosphorus are difficult to combat because every bit of the burning material is dangerous. Dry phosphorus will readily ignite on exposure to air. A solution of copper sulphate is an excellent extinguishing agent. When it is sprayed or thrown upon the burning phosphorus, it not only scatters the burning material, but causes a chemical reaction which forms a thin coating of metallic copper over the phosphorus, thus excluding the contact with the air. When the particles have cooled and solidified, they must be taken outside and disposed of by burning, since even a slight scratch in the metallic coating is sufficient to permit re-ignition.

Extreme caution should be exercised when dealing with phosphorus, for it can cause a very severe painful burn. It is also important to remember that phosphorus must be entirely consumed, by burning before it can be considered harmless. This can be carried out by placing the phosphorus on the bare ground and burning it. It must be guarded every minute during this procedure to prevent someone from stepping on it or picking it up.

4—Oil Bombs

This type of bomb is designed to be used strategically, with a considerable degree of accuracy, against definite targets of military importance. Oil bombs would not be released at dwellings, but there is no guarantee of the accuracy of these bombs, and there is always a possibility that they might land in a residential section.

The oil type incendiaries burn with a terrific heat, and the resultant fire presents a serious problem. Excepting when pools of oil are formed in such quantities that the fire would be spread by the application of water, it appears that water or approved fire extinguishers may be used.

5—Sodium or Potassium Hydride Bombs

Sometimes metallic sodium or alkali hydride is used in an oil bomb to cause an explosion when it comes in contact with water. The best method in dealing with the bomb is to smother it with sand or a special mixture of sand, dolomite and salt. Occasionally, it is necessary to allow this bomb to burn itself out, but extreme caution must be used to keep water away from the bomb and only wet down the area around it.

6—Multiple Effect Bombs

This type of bomb is designed for use against large buildings. However, they may be encountered anywhere during an air raid. It is a large bomb, weighing twenty-five pounds or more, and consists of a large number of separate units loaded into a single container. The units are ejected from the container, which is blown to pieces by an explosive charge after it strikes its objective.

The units may be of either the magnesium alloy type or the phosphorus type or both. Each such unit must be dealt with separately, according to the prescribed method for handling various types of incendiaries.

7—Duds and Apparent Duds

It is extremely dangerous for an average citizen to attempt to do anything with a dud or a delayed-action bomb. It is best to plainly mark the location of the explosive with red flags and await the arrival of an expert. The flags should be placed at least twenty-five yards from the bomb.

Citizens must be taught to notify all persons in the immediate vicinity of the possible danger, when they discover a dud. If it can be determined BEYOND ALL DOUBT, that it is an incendiary bomb, it may be removed. If it is of the high explosive type, extreme caution must be taken. It is very important to describe the size of the bomb to the police or firemen, when one is discovered, so that they may have some ideas as to the type of bomb. A high explosive bomb seldom weighs less than thirty pounds.



Due to the demand for farm machinery as a result of the National Defense Program, the Sandy Chapter of Future Farmers of America is sponsoring an old machinery drive. The boys in the chapter who have old machinery no longer in use are donating this to the chapter and the boys in farm shop are going to repair it and will sell it out to the farmers at an auction later on.

If anyone in the community would like to cooperate in this program and has old machinery which he no longer wants, chapter representatives will be glad to pick it up.

The local chapter has also organized a chapter co-op in order to furnish the members with vegetable and flower plants for their home gardens. These are to be grown at school in the co-op operated hot bed. The remaining plants will be sold to non-members and the money will go into the Co-op treasury.

The officers for this Cooperative organization elected at the monthly meeting January 22 include: Earl Meier, president; Theodore Johnson, secretary; Giles Palmer, vice-president; and Arthur Kalmen, treasurer.

REBEKAHS MEET

Last Thursday evening the Rebekah Lodge met in regular session with all the new officers in their chairs. It being Birthday

MAY BE OPEN HUNTING SEASON ON SMALL GAME

There will be open hunting seasons this year for both large and small game in so far as action of the Game Commission is concerned, according to Frank B. Wire State Game Supervisor.

Rumors have been going around to the effect that the entire state will be closed to hunting this fall, but the Commission has indicated that it sees no necessity for such closure and plans to meet in June, the time specified by law, to set the hunting seasons and bag limits on game birds and animals for the current year.

CAMP FIRE NEWS

The Camp-Fire girls have been working very hard in order to pass their ranks. Ruby Coble and Jacqueline Tooley are almost ready to pass their Trail Seekers rank and Jacquelyn Gray, Juanita Smith and Janice Schneider are working on their Wood Gather ranks.

Mary Lou Arney has left our group and will continue her Camp Fire in Portland.

Jeannine Miller is a new member in our group. We are very glad to have new members and wish everyone who is interested in Camp fire to come and see Miss Kerslake.

Eight of the five members whose birthdays came in the months of November, December and January deposited their pennies and the members sang "Happy Birthday."

A beautiful floral tribute was given under the direction of Georgia Gunderson to the new Noble Grand and Vice-Grand.

The committee consisting of Rachel Goss, Vera Smith and Beattie Rehberg served cake, ice cream and coffee. Cakes with candles were provided for those having birthdays.



Church News

COMMUNITY CHURCH
J. C. Hafley, Pastor
Sunday School 9:45. Mrs. Lewis Hall Supt. a thriving school with emphasis on Christ.

11:00 A. M. Divine Worship in the old hymns of the Church directed by Mrs. Florence Matz. Our pulpit guest will be the Rev. Gordon Vance Johnson of Forrest Grove. This is an unusual opportunity for the Sandy Community to hear this man of God, who begins Union Revival services in Gresham Sunday night February 1st.

All evening services of the Sandy Community Church will be suspended for two weeks, except the Christian Endeavor which will meet at 6:00 P. M. each Sunday. Let us present a "solid front" for God.

COMMUNITY SUNDAY SCHOOL
which formerly met at the Sandy Lumber Co., has moved to Welch's school. The time is from 10:30 a. m. to 12:00 noon.

Rev. Malmstrom

SANDY SEVENTH DAY ADVENTIST CHURCH

Sabbath School services each Saturday at 10 a. m.

Preaching services at 11 a. m. Elder M. A. Belding. Everyone cordially invited.

CHRISTIAN SCIENCE CHURCH

Regular services are held every Sunday at 11 a. m. in The Woman's club house in Sandy.

All are cordially invited to attend.

THE FIRST BAPTIST CHURCH of Sandy

The services of the Baptist church of Sandy will be held in the Odd Fellows hall.

Sunday school 10:00 a. m. 11:00 a. m. Preaching by L. C. Desvoigne.

Bible Study 7:00 p. m. 8:00 p. m. Sermon by pastor.

IMMANUEL LUTHERAN CHURCH

A. W. Schelp, Pastor
English service every Sunday at 11 A. M.

Sunday School every Sunday at 10 A. M.

German service on 1st and 3rd Sunday of the month at 10 A. M.

Also supports full 8th grade Elementary school, Mr. Elroy Venke, principal.

ST. MICHAEL'S CHURCH

Mass at 9:30 a. m. on Sundays, all summer.

Welches—Mass every Sunday at 11:00 a. m.

The Sandy Christian Endeavor Society meets at the Sandy Community Church every Sunday evening at 6:30 o'clock. Church services are at 11:00 a. m. and 8:00 p. m. on Sundays and Sunday School is held at 10:00 a. m.

JUST RECEIVED

VALENTINE GIFTS and FAVORS

VALENTINE CARDS

2 For a Penny and up

—

Bunnell

Variety Store

Sandy, Oregon

LEGAL

NOTICE TO CREDITORS

Notice is hereby given that the undersigned has been duly appointed Administrator of the estate of Fred Lyle Smith, deceased, by the Circuit Court of the State of Oregon for Clackamas County, and any and all persons having claims against the said estate are hereby required to present said claims, duly verified as by law required, at the office of my attorneys, Emmons & Emmons & Robnett, 728-31 Morgan Bldg., Portland, Oregon, within six months from the date of this notice.

Date of first publication, January 29, 1942.

Date of last publication February 26, 1942.

EARL F. HALL

Administrator of the estate of Fred Lyle Smith, Deceased.

EMMONS & EMMONS & ROBNETT

Attorneys for Administrator, 728-31 Morgan Bldg., Portland, Oregon.

SUMMONS

No. 34126

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF CLACKAMAS

Mike Rydzewski, Plaintiff,

vs.

Julius A. Bogden; Marie M. Bogden; Joe Brown; Jim Angelus; Chris Angelus; Mrs. Nell Smith; F. C. Bartholomew, F. E. Lamb and Enos Yoder.

Defendants.

TO: JULIUS A. BOGDEN, Defendant.

IN THE NAME OF THE STATE OF OREGON: You are hereby required to appear and answer the complaint filed against you in the above entitled suit on or before the expiration of four weeks from the date of the first publication of this summons, January 29, 1942; if you so fail to appear and answer plaintiff will apply to the Court for the relief prayed for in his complaint, to-wit: 1. That plaintiff have and recover of and from the defendants Julius A. Bogden and Marie M. Bogden the sum of \$900.00 with interest thereon at the rate of 6 percent per annum from the 9th day of November, 1940 until paid, and the further sum of \$54.88 fire patrol taxes, and \$8.27 real property taxes, \$5.00 for continuation of abstract; \$100.00 attorneys' fees and costs and disbursements herein incurred. (2) That the mortgage described in plaintiff's cause or suit be decreed a first lien and be foreclosed, and that said mortgaged premises be sold in the manner provided by law to satisfy the amount decreed to be due plaintiff, and that the proceeds derived from said sale of said property be applied first to the costs of this foreclosure suit including attorney's fees and second to the satisfaction of the mortgage described in plaintiff's cause of suit. (3) That the defendants Joe Brown, Jim Angelus, Chris Angelus, Mrs. Nell Smith, F. C. Bartholomew, F. E. Lamb and Enos Yoder and all persons claiming by, through or under them, be barred and foreclosed of all right, claim and equity, except the equity of redemption in and to said real property and every part thereof, and that the plaintiff have execution against defendants Julius A. Bogden and Marie M. Bogden for any deficiencies that may remain after exhausting all the proceeds of said sale properly applicable to the amounts decreed to be due the plaintiff, and that plaintiff have such other and further relief as to the Court may seem just and equitable.

This Summons is published by order of Earl C. Latourette Judge of the above entitled Court.

The order is dated January 23, 1942.

Date of first publication: January 29, 1942.

Date of last publication: February 26, 1942.

BUTLER & JACK

Attorneys for Plaintiff

200 Butler Bldg.

Oregon City, Oregon.

NOTICE OF SALE

No. 6666

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF CLACKAMAS

PROBATE DEPARTMENT

In the Matter of the Estate of N. L. KIRCHEM, Deceased. Notice is hereby given that the following described land situate in Clackamas County, Oregon, to-wit:

Lots 1 and 2, Block 19, Gladstone, Clackamas County, Oregon.

will be sold at private sale to the highest bidder for cash on and after the 23rd day of February, 1942; bids to be received at the law offices of Butler & Jack, 200 Butler Building, Oregon City, Clackamas County, Oregon.

ESTHER KIRCHEM

Administratrix of the Estate of N. L. Kirchheim, Deceased.

Date of first publication, January 29, 1942.

Date of last publication, February 26, 1942.

BUTLER & JACK

Attorneys for Administratrix

200 Butler Building

Oregon City, Oregon

NOTICE OF FINAL ACCOUNT

Notice is hereby given that the undersigned as Administrators of the estate of Levi Fleming Hargan, deceased have filed their final account in the office of the County Clerk of Clackamas County, Oregon, and that Monday the 16th day of February, 1942, at the hour of 9:00 o'clock in the forenoon of said day, in the Circuit Court Room of said Court, has been appointed by said Court as the time and place for the hearing of objections thereto and the settlement thereof.

Dated January 7, 1942.

Date of first publication, January 8, 1942.

Date of last publication February 5, 1942.

ERNEST CRACKNELL

JACK WANKER

Administrators of the Estate of LEVI FLEMING HARGAN, Deceased

BUTLER & JACK

Attorneys for Administrator,

200 Butler Bldg.

SCHOOL DISTRICT WARRANT ELECTION NOTICE

State of Oregon)
County of Clackamas) ss,
School District No. 46)

Notice hereby is given that, at the school district negotiable interest bearing warrant election hereby called to be held at the School House in and for school district No. 46 of Clackamas County, Oregon, on the 11th day of February, A. D., 1942 between the hours of 2 o'clock P. M. and 7 o'clock P. M., there will be submitted to the legal voters thereof a warrant of contracting a warrant indebtedness in the sum of \$1,200.00 for the purpose of purchasing real property in and for said school district.

The vote to be by ballot upon which shall be the words "Warrants Yes" and "Warrants No," and the voter shall place a cross (X) between the word "Warrants" and the word "yes," or between the word "Warrants" and the word "No," whichever indicates his choice.

The polls for the reception of the ballots cast for or against the contraction of said indebtedness will, on said day and date and at the place aforesaid, be opened at the hours of 2 o'clock P. M. and remain open until the hour of 7 o'clock P. M. of the same day, at which hour the same shall be closed.

By order of the district school board of school district No. 46 of Clackamas County, Oregon, made this 14th day of January A. D., 1942.

CECIL O. DUKE

Chairman, District School Board

Attest:

MELVIN SMITH,

District Clerk

NOTICE TO CREDITORS

Notice is hereby given that the undersigned has been duly appointed Executrix of the estate of Albert J. Hines, deceased, and any and all persons having claims against the said estate are hereby required to present said claims, duly verified as by law required, at the office of my attorneys, within six months from the date of this notice.

Dated January 16, 1942.

Date of first publication January 22, 1942.

Date of last publication February 19, 1942.

FRANCES LENT

Executrix of the Estate of Albert J. Hines, Deceased,

BUTLER & JACK

Attorneys for Executrix

200 Butler Bldg.

Oregon City, Oregon.

NOTICE OF FINAL ACCOUNT

Notice is hereby given that the undersigned as Administrator of the estate of Allen K. Fox, deceased has filed his final account in the office of the County Clerk of Clackamas County, Oregon, and that Monday the 23rd day of February, 1942, at the hour of 9 o'clock, A. M. in the Circuit Court Room of said Court, has been appointed by said Court as the time and place for the hearing of objections thereto and the settlement thereof.

Dated January 15, 1942.

Date of first publication January 22, 1942.

Date of last publication February 19, 1942.

DURWARD B. FOX

Administrator of the Estate of ALLEN K. FOX, Deceased.

BUTLER & JACK

Attorneys for Administrator,

200 Butler Bldg.

Oregon City, Oregon.

THE HOUSE OF HAZARDS



By Mac Arthur