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MEDUSA will make Silos, Granaries, Basements, etc., Water-proof, Retproof, Retproof and Fireproof.

Waterproofed the best for Stucco Plaster on outside for Runga-Does not stain and dirt can be hosed off.

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Buttonboling — Buttons — Plaiting — Tucking and Chainstitching
All Mail Orders given careful and prompt attention
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Bear and Live Well.

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Write for Prices and Shipping Pages

PRICES: Quart. 75c; half

gallon, \$1.25;

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REPELLENT

Order from your dealer. If he hasn't it, we'll send you'll send you'll send you'll send you removed.

Clarke, Woodward Drug Co.,

If your RADIATOR heats or leaks, send it to us.

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We can show you how to turn your patentable deas into cash. Oregon Licensed Mechanical Engineer. THOMAS BILYEU. 202 Stevens Building, Portland, Ore.

INFORMATION

DEPARTMENT.

INTELLIGENT PRODUCE

SANITARY BEAUTY PARLOR
We help the appearance of won
Twenty-two inch switch or transfor
tion, value \$7.60, price \$2.50
400 to \$412 Dekum Bidg.
SHOE REPAIRING IN PORTLAND
Model Shoe Repair, 272 Washington

Davis Bros., American Shoemakers,

VETERINARIAN-Cattle a Specialty Dr. Chas. M. Anderson, Kenton, Portland.

Wedding Bouquets and Funeral Pieces Lubliner Florists, 348 Morrison St.

Historic Date.

On June 2, 1875, while experiment-

ing on his harmonic telegraph, Alex-

ander Graham Bell made the discov-

ery that led to the construction of the

demon. To mind one's P's and Q's: A

reference to the pints and quarts chalked up in country public houses

Habits of Land Crat.

The land crabs are found all over

the world. Those in the West Indies

are fond of sugar cane. A remark-

able pilgrimage is made, on the less

frequented of these Islands, by these

purple crabs. They live for the

greater part of the year upon the

high lands several miles from the

sen; but once a year, in May or June,

they leave their holes and move at

night in vast columns, often three

miles long and 200 feet wide, to the

sen. No obstacle stands in the way

of this remarkable army on its march

In a diplomatic family the new baby

always resembles the relative with

to the sen.

against credit customers.

first telephone.

EXPLAIN SOME OLD EXPRESSIONS

PORTLAND, OREGON'

PATENT ATTORNEY

PLEATING SPECIAL



EXPERT

Dyeing & Cleaning EXCELLENT SERVICE

By Parcel Post. Return Postage Paid. Write for Circulars and Prices. "At Your Beck and Call"

TAX

PROBLEMS ment Bureaus is offered office. State your troubles briefly and mend in with \$1 and we will give you honcome to goodness advice. It will pay you to get in touch with us now. E. J. Curtin, Room 806 Lewis Bidg., Portland, Oregon.

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RAINIER HOTEL Rates \$1.00 and op. 128 N. 6th St. Partiand, Ore Very Centrally Located. Convenient to all Depots, and one block from main Postoffice



betries, Logans, Dewberries, Asparagus Rhubarb, Flowering Shrubs, Roses Vines, Hedge, Nut and Shade Trees Carriage pakil. Satisfaction guaranteed WASHINGTON NURSERY CO Toppenish, Washington. Salesmen everywhere. More wanted.

HOTEL HOYT Located Sixth and Hoyt

Strictly Fireproof and Modern, Near both depots and convenient car service to all parts of city.

USED TRUCK BARGAINS 1 to 5 ton GMC, Republics, Whites, etc.

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PILES



FISTULA, FISSURE, itching and all other rectal conditions except Cancer permanently cured without a surgical operation. My method of treatment saves the tissue instead of destroying it. It is painless, requires no anesthetic and is permanent. There is no confinement with business or social engagements. I quarantee a cure or will refund your fee. Call or write for booklet. Mention this paper when writing.

DR. C. J. DEAN Second and Morrison Sts., Portland, Ore.

Few Persons Know Real Meaning of

the Words They Are Mak-

ing Use Of.

There are many expressions made

use of by persons every day who little

know the real meaning of the words

they are making use of. Why, for

instance, does A 1 mean "first rate?"

and why does "first rate" mean some-

thing of the highest degree of ex-

cellence? A 1 is derived from the sym-

bol denoting ships in the best condi-

tion in "Lioyd's Registry of Shipping,"

and "first rate" is an allusion to a

warship of the highest class. To have

an axe to grind is from the American

backwoodsmen's practice of calling at

houses ostensibly to grind an axe, but

In reality to obtain a drink, Bogus:

From Borghese, a swindler who about

1837 in Boston passed worthless se-

curities. To take the cake: Allusion to

the prize of a cake in negro cake-

walking contests. The deuce; From the German "das daus," Possibly con-

nected with the Celtie "dus," a wood the most money.

WATER TROUGHS EASY TO BUILD

Good Plan to Select Well Drained Site to Prevent Stock From Making Mud Holes.

ALSO PACK AND LEVEL LAND

Cement Wash Can Be Applied With Brush or Broom and Makes Smooth Surface and Also Insures Water-Tightness.

(By W. G. Kaiser, Agricultural Engineer.) The construction of a concrete trough like that shown in the drawing is not a difficult task and any farmer can

A watering trough should be placed on well drained ground, because under the best of conditions the livestock will in time make mud holes unless a platform is built, or the holes around the trough are filled in as soon as they are made. Sometimes it is advisable to put the trough on a small knoll in order that the water will quickly drain away.

The ground under the trough should not only be drained but also leveled and packed.

Outside Form of Trough. The outside forms of the trough are made of one inch boards and 2 by 4inch pieces as shown in the drawing. After these forms have been securely braced, the concrete can be deposited in the bottom to half the depth of the floor. Reinforcement consisting of 1/4 inch round rods are then placed on the partly constructed floor. These are bent in "U" shape so that the ends will project up into the sides and reinforce the walls. All the rods are bent to the proper shape before any concrete work is started, so that they can be quickly put in and the remainder of the concrete floor placed without delay or making any joints. The inside form which has been

Cut, seam, hem and machine pleat skirts ready for band, Hematitching, Etc.

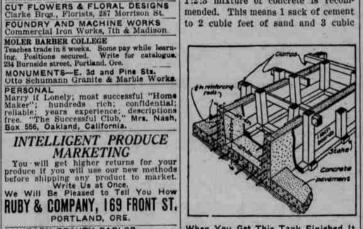
85% Fifth St.

BRAZING, WELDING & CUTTING Northwest Welding & Supply Co. 88 1st St GLEANING AND DYEING Northwest Welding & Supply Co. 88 1st St GLEANING AND DYEING For reliable Cleaning and Dyeing service send purcels to us. We pay return postage, information and prices given upon request.

ENKEY'S CITY DYE WORKS Established 1860

CUT FLOWERS & FLORAL DESIGNS Clurke Brgs., Florists, 287 Morrison St. made previous to mixing any of the concrete is then quickly lowered in proper place and fastened to the outside forms with clamps as shown in the drawing. Speed is necessary in order that the walls can quickly-be placed so there will be a strong bond between walls and floors.

Insure Water-Tightness. In order to insure water-tightness a 1:2:3 mixture of concrete is recommended. This means 1 sack of cement to 2 cubic feet of sand and 3 cubic



When You Get This Tank Finished It Will Last as Long as You'll Probably Ever Need It.

feet of pebbles or crushed rock. The aggregates should be free from sticks, soil or foreign material. Only enough clean water should be used in mixing to make concrete of a jellylike consistency.

As the concrete is placed it should be spaded next to the forms in order to force the larger rocks back into the mass and let the mortar work out against the forms, resulting in a smooth, dense surface.

As soon as the concrete has hardened sufficiently to be self-sustaining, the inside form is removed and the interior of the trough given a cement wash made by mixing cement and water until it is about as thick as cream. This wash can be put on with an ordinary brush or broom. The wash will make a smooth surface and insure water-tightness.

The inside of the trough is given a slope outward toward the top. This is important because if water freezes in the tank, the pressure will lift the ice and thereby prevent the formation of crack in the walls.

For a trough of the size shown in the drawing, the following materials will be needed:

 Outside dimensions
 2 ft. 2 in. by 5 ft.

 Walls
 2 ft. 5 in. high.

 Floors
 6 in. thick.

 Concrete Mixture
 1:2:3
 1% cu. yd. Materials Required.

Portland cement 8 sacks add to the foregoing quantities;

MILDEW WIPED OFF LEATHER

Damp Cloth or Soap and Warm Wa ter Will Be Found Satisfactory -Then Oil Lightly.

When mildew has developed on leather goods it should be wiped off with a damp cloth or washed off with soap and warm water, and the leather oiled lightly with castor or neat's-foot oil and well dried after wards. These simple methods for preventing and removing mold are satisfactory and safe.

BEEKEEPING OFFERS BIG OPPORTUNITIES

Clover Region Particularly Adapted to Industry.

Few Places in Which It is Not Possible to Keep Honey Gatherers With Good Profit Under Proper Management.

(Prepared by the United States Department of Agriculture.)

The clover region of the United States offers splendid opportunities for beckeeping. These possibilities, to-gether with the requirements necessary for the success of the undertaking, are discussed in a recent publication of the United States Department of Agriculture, Farmers' Bulletin 1215, Beekeeping in the Clover Region, by E. F. Phillips and George S. Demuth of the division of Bee-Culture Investigations. While not all parts of the clover region are equally good, there are few places, it is pointed out, in which it is not possible to keep bees

The typical clover region occupies the northeastern part of the United States, extending west into Minnesota and south approximately to the Ohlo river and Mason and Dixon's line. It appears on the west coast in Washington and Oregon. In both east and west the region extends into Canada

with profit under proper management



Beekeeper Should Take Pains to Get Best Strains.

some of the best portions being lo cated north of the national boundary. Limited areas of less value are found outside these boundaries. The opportunities for beekeeping in

this region, are not being utilized as completely as in some other beckeeping regions of the country. There are vast areas of the clover region not adequately covered by bees, and also many places where, because of the methods of beekeeping practiced, the beekeepers are falling to produce the best possible crops.

Beekeeping to be profitable in this

region must be conducted with all possible skill. Better methods, it is be lieved, will result in a greater development of the industry. Because of the presence of European foulbrood in some parts of the clover region, and especially because of the superior quality of the Italian race of bees, the beekeeper of this region will find it greatly to his advantage to keep this variety. Italian bees are able, under Not all strains of this race are equally good for this purpose, and the beekeeper should take pains to get the

Copies of the bulletin may be had free upon addressing a request to the Department of Agriculture, Washington, D. C.

PROPER BALANCE TO MANURE

Some Farmers Try Little Experiment on Small Piece of Land to It is a pretty good idea, and one fol-

lowed by a lot of hard-headed, practical farmers, to balance the barnyard manure a little with either rock or plant foods for some crops. That is why some farmers try a little experiment on a half acre or so of ground just to see what their land lacks About forty or fifty pounds of acid phosphate per ton of manure, or 400 to 500 pounds per acre, may be applied to a small part of the field, and the results will show whether it will pay to put the fertilizer on the whole field. It makes the acid phosphate easy to apply simply to spread it evenly on the top of each spreader load manure so that each ton of the manure will carry with it the above mentioned amount of the phosphate.

ALFALFA SEEDED IN SUMMER

Considerable Success Attained at University of Illinois in Rotation With Corn.

Considerable success has been attained in seeding alfalfa on the dairy farm at the University of Illinois where a rotation of corn for slinge the wheat stubble is plowed as early as possible and a very thorough seed bed prepared. The alfalfa is seeded as soon as there is sufficient rain. and two cuttings of alfalfa the next their own dryers.

**************** STATE NEWS IN BRIEF.

****************** Marshfield.-Wedderburn, the small town on Rogue river owned by the Macleay estate, is to be repainted this summer and will take a thorough coat of white, with red trimmings.

Eugene,-The University of Oregon lost two buildings and valuable works of art Saturday in a \$60,000 fire which broke out on the campus at 4 P. M. Several other university buildings were damaged by the flames.

Salem. - The cornerstone for the new St. Paul's Episcopal church, replacing the old structure that was built in the year 1854, was laid Sunday. Bishop Walter T. Sumner of the Episcopal diocese of Oregon gave the principal address,

Waldport.-Burglars made a raid on Dr. Linton's drug store and J. M. Reilly's pool room Saturday night. Dr. Linton's store was rifled of watches, jewelry and many valuable articles, including all the cash, even to pennies. Dr. Linton's loss was at least \$600.

Salem.-The state highway commission has announced that it has awarded the contract for the construction of a concrete arch bridge across the North Umpqua river on the Pacific highway near Winchester, Douglas county, to H. E. Doering of Portland.

Salem.—The Oregon supreme court at noon Saturday took its annual vacation recess until September 1. Just prior to adjournment the court handed down 12 opinions, which cover a wide range of legal subjects and affect practically every section of the

Marshfield.-John L. Oasen, whose sawmill burned recently at Myrtle Point, declares that first estimates of a loss of \$25,000 are \$5000 beneath the correct figures. Mr. Aasen will not rebuild the bill, but may purchase an idle plant at Arago and operate from that point.

The Dalles, - With the Portland delegation swinging its 23 votes to them, George R. Wilbur of Hood River was elected state commander and Fred Kiddle of Island City, vice-commander, at the closing session of the fourth annual American Legion convention

Eugene.-When David Chezem, aged 11 years, reported a short time ago his father, H. Chezem, in the Spen- to teach them the secret." cer creek valley, he was believed to be the youngest person in Lane coun-

Klamath Falls, - Purchase of 40 acres for a permanent fair ground site was decided on Saturday by the county fair board and citizens' com- where we will.-W. E. Gladstone. mittee. The tract chosen is owned by Asa Fordyce, two miles south of town. Mr. Fordyce has agreed to sell it for good management, to clean out the \$12,000. It is planned to hold the Young Women's club are to be painted larvae dead of European foulbrood. county fair this fall on the grounds. Roseburg. - There were 57 forest

> fires in Doulas county in July, according to the monthly report filed Saturday by the Douglas county forest paand these are under control. Most of there's no daughter. the fires were of incendiary origin and were quickly discovered and ex-

home for the volunteer fire depart- one of the indispensable Cuticura Tollet Trio.—Adv. ment. Since the fire wiped out the acid phosphate. Barnyard manure is administration building, the councila balanced ration when it comes to men and Mayor Ferguson have been discussing how to build a suitable city thing that happens seemingly by Issued as the budget this year will not permit further expenditures.

Pendleton. - The Inland Empire bank of this city has been designated a depository for Indian moneys from the Umatilla reservation, not to exceed \$20,000. At present the American National and First National are generally considered an imposition .depositories as well as the First Na- Boston Transcript. tional of Athena. The designation was made by the commissioner of Indian affairs of the department of the in-

Salem. - More than 20,000,000 Sterne, pounds of prunes will be handled this year by the Oregon Growers' Co-operative association, according to announcement made by officials of the organization Saturday. Last year the and alfalfa for hay are the principal association handled approximately 7,crops. Fall wheat is sown after the 500,000 pounds of prunes. The ascorn is cut for the sile. The next year sociation now has 132 tunnel dryers Are You Satisfied? BEHNKE-WALKER under its control. These will handle about 10 tons per tunnel for the season, or about 2,600,000 pounds. The About the 28th of September wheat is remainder of the product will come drilled. This gives a crop of wheat from the private growers, who have

COULD HARDLY STAND AT TIMES

Hips, Back and Legs Would Have That Tired Ache

Everett, Washington.—"For several years I have had trouble with the lowest part of my back and my hips and my legs would ache with that tired ache. I could hardly stand on my feet at times. I was always able to do my work although I did not feel good. I saw Lydia E. Pinkham's Ve getable Compound advertised and havingheard several praise it I decided to try it. I feel first-rate at the present time. It has done wonders for me and I keep it in the house right along. I always recommend it to others who are sick and alling."—Mrs. J. M. Shberett, 4032 High St., Everett, Washington.

To do any kind of work, or to play for

4032 High St., Everett, Washington.

To do any kind of work, or to play for that matter, is next to impossible if you are suffering from some form of female trouble. It may cause your back or your legs to ache, it may make you nervous and irritable. You may be able to keep up and around, but you do not feel good.

Lydia E. Pinkham's Vegetable Compound is a medicine for women. It is especially adapted to relieve the cause of the trouble and then these annoying pains, aches and "no good" feelings disappear.

disappear.

It has done this for many, many women; why not give it a fair trial—now.

Keep Your Skin-Pores Active and Healthy With Cuticura Soap Boap, Cintment, Tulcum, Soc. overywhere, For sample

USED FRANKLIN FOR SALE

Strike Rockefeller in the Pocketbook. Buy Our Franklin Car—uses less gas-oline, gives better mileage and rides ensier than any car you ever saw.

o full ciliptic springs takes the bumps out the read—you arrive at your destination ab as a dalay at minimum cost. You car another car with the amount you will e in tires and gasolene if you run a Frank-long council.

Bargain at \$650 - Cash

AMERICAN NEWSPAPER ASSOCIATION 420 U. S. Nat'l Bank Bldg., Portland, Orego

His Business Secret.

"Kindly inform the court how you managed to keep your credit open," was demanded during a trial for bankruptcy. "Certainly," replied the defendant, "but allow me to suggest that I impart this information behind closed that he had killed a number of rat-doors. There are several of my comtlesnakes this year on the farm of petitors present, and I have no desire

Duty's Call Imperative

Duty is a power that rises with us in the morning and goes to rest with us at night. It is co-extensive with the action of our intelligence. It is the shadow that cleaves to us, go

Another Impending Apology. Western Paper-The officers of the

-Boston Transcript.

His Woes. A bachelor has his troubles. Every

time he meets a family into which trol. Only two fires are burning now he would like to marry he discovers

Cuticura Comforts Baby's Skin tinguished. Little actual damage was When red, rough and itching with hot baths of Cuticura Soap and touches of Cuticura Ointment. Also make use Marshfield.—Several sites are under now and then of that exquisitely scentconsideration for a new city hall and ed dusting powder, Cuticura Talcum,

"Luck."

Luck is generally described as somehalf. It is probable bonds will be chance. It may be an event, either good or evil, which affects the interests or happenings of an individual, but this happening is entirely casual. "Lucky," however, carries the idea of good luck only.

The Right Word. Taxes are "imposed" and they are

Daily Thought.

Trust that man in nothing who has not a conscience in everything.-

BALL BLUE is the finest product of its kind in the world. Every woman who has used it knows this statement to be true

is the biggest, most perfectly equipped Business Training School in the Northwest. Fit yourself for a higher position with more money. Permanent positions assured our Graduates.

Write for catalog—Fourth and Yamhill, Portland.

No. 31, 1922

in New York.

Struggle With Blind Victim

ing to the doctor's when a negro a hospital.

stopped him and hit him on the head. inflicting a scalp wound.

Green fought. The police say he

Negro Bandit Inflicts Scalp Wound In lodine on his eyes instead of an eye wife say he had only an imitation re-

HELD UP ON WAY TO DOCTOR

pulled a revolver and fired one shot during the struggle. Then, they say, New York,-Walter A. Green, six- the negro took the pistol from him ty-one years old, accidentally used and ran away with it. Green and his wash and was temporarily bilinded. He volver, which was a perfume sprayer, put on a few clothes and was hurry. Green's head and eyes were treated in