Because of our banking-by-mail facilities, this institution is he home bank for hundreds of individuals within a radius of many

Banking-by-mail is so easy, safe and convenient and our service is so prompt that some of our depositors seldom come to the bank. They enjoy our friendly banking service rendered to rough Uncle Sam.

> Malheur County Bank NYSSA, OREGON

Surplus \$25,000.00

THE HOME RADIO How to Make and Use It By A. HYATT VERRILL

VIII. MORE ABOUT AERIALS

that you can largely cut out starlons lead-in towards the station you desire and they can therefore be more effec-

. SUND

MORN

PYOUN

EVER

Si OPEN

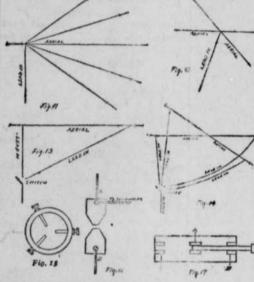
CHIL

If there are several sending stations | telegraphic spark signals from some at various points from your set, it is station and yet, merely by altering often a very good plan to sun several the direction of their aerial or the poaerial wires at right angles or radiat- sition of the lead-in they could hear ing as shown in figures 11 and 12, con everything perfectly. So you see a the office working on the monthly quirer. necting them together and running the great deal may depend upon the simple lead-in from the point where all join, aerial, even if it consists of only a as shown. Sometimes this principle single wire. On the other hand, many may be carried from the outer ends sults with a wire run around the walls of the radiating aerials and joined of a room near the celling; a wire to form a single lead-in and will bring run through a hallway; a wire dropped even better results, figures 13 and 14. down an air-shaft or elevator-shaft, ing buildings and from 100 to 150 feet do not wish to hear by using the long, will give the best results. But remember that if there are elevated to hear. This will result in the others i tacks, steel bridges, trolley lines, elecshould run your aerial at right angles

does not enter an earth-

en or tile pipe near

filled with charcoal and buried at least



tually tuned out by your pastruments, i connection with tin-foil and fine wire Aerials are most peculiar affair and and wrap it with adhesive tape. Where a little experimenting will enable you no pipe is available carry the ground to determine the best size, height and | wire to a sheet of copper, an old coptype to use. It is well known that per boiler or a copper tank or basin wireless waves are directive, or in other words, that they travel more a roug- five feet under the surface of the ly in one direction away from the send-learth. A lightning rod or fire escape ing aerial than in others and while will sometimes make a very good this has been largely chylated in up- ground. But it is not so much what to-date stations, yet the ordinary re- you use for a ground as how good celving aerial is directive and will the connections are and how well the get stronger signals if the lead-in is object is grounded. Do not use an towards the sending station, or is electric light or telephone, telegraph pointed towards it, so to speak. I know or door bell wire for a ground. To reof several cases where amateurs failed peat, be careful of your connections utterly to hear voices, masic, or even | end sure of your grounding.

医眼腺腺腺素酶医腺腺溶液溶液 医多种性神经 医细胞性神经 医皮肤 医多种性神经 医二甲基乙

A Cast Alluminum Tub

The tub of the new MAYTAC GYRAFOAM WASHER is made

of east aluminum. It will not rot, rust, corrode, swell, warp or

split. It is self-cleaning. It is light yet has life-time durability.

machinery exposed. Everything is housed in... The lid is absolutely

Everyone who has used this new washer says it is the eas

See a Demonstrtion

EDER HARDWARE COMPANY

You, Teo, Will Marvel

free of mechanism or obstructions.

washer to work with they have ever seen.

The shape of the tub makes it easy to work with. There is no

intlo

he pry

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may be reversed and several lead-ins amateurs have obtained splendid re These several lead-ins may be con- or even from an iron bedstead or bednected by means of an anchor-ring, spring. It all depends so much upon figure 15, to equalize the waves or local and climatic conditions, surcurrents, or they may be provided roundings and other conditions that with multiple point switches as shown | no hard and fast rules can be made, in Figs. 13 and 14. This switch ar- but despite all this, nine times out of rangement has the great advantage | ten, a high aerial, well above surroundbeing fainter or weaker in comparison | tric wires or steel structures near, you to them in order to

avoid failure through contest at Portland next week. The boys worked on the stock ot the You must also bear in mind that the Weiser Institute and all of the sur-"ground" is almost as rounding farms where any purebred ing and give a delightful sense of important as the aerial, stock was found. for without a good Corn Club ground the set will not

was most needed.

Stock Judging.

Both the upper and lower Big work. A water, steam, Bend corn clubs were visited to get corn to send to the land show in ly make an excellent ground, but before using it be sure there is ten ears of corn. The competition no insulated joint be there is between the three states, tween the connection Washington, Oregon and Idaho. of your wires and the Sewing Club earth or that the pipe

CLUB LEADER

The three girls scoring highest in sewing at the county fair sent ther to a determined size and place it in exhibits to the show at Portland also an electric bath, where sufficient gold the ground or in the In making the Doris Lees of Bonita in Division 1, is deposited on one surface of the ground connection, Violet Lees of Bonita in Division 2 plate, to produce the finest gold color scrape the pipe clean and Katherine Boswell of Vale in and bright and solder Division 3. Miss Cowgill, assistthe wire to it. If this is ant club leader will have charge of solution of nitric acid for several not possible, wind the the exhibit at Portland.

PROVIDE PLENTY OF WATER | 1ar Science Monthly.

Cows Must Have Abundant Supply in Summer and Winter for Profit-

Successful dairy farmers find that it pays to provide plenty of good, clean, cool water for milk cows. Eighty-seven per cent of milk is water, as is nearly three-fourths of a cow's body. Experimental data show that the amount of water required by cows is in direct proportion to the startled amount of milk produced. In the quittal. summer, the average cow will require nearly three pounds of water for every pound of milk she produces. In to the jury?" one experiment a cow giving 27 pounds of milk drank 77 pounds of water daily. The same cow drank less than half as much when giving no milk. It stands. The judge is an English-In all cases, it is decidedly good prac-man, the prosecuting counsel is an fresh water, cool in the summer and warm in the winter.

KEEP MILK AND CREAM COOL

Product Will Soon Sour on Warm Spring Days Unless Promptly Placed in Tank.

As warm weather approaches, bet and cream. The can of cream must be put into a cooling tank into as cold water as possible to keep the cream old. Unless milk and cream is cooled promptly and well it will sour during the warm spring days.

PLANT CROPS FOR COW FEED!

Animals Will Not Prove Profitable Unless Properly Fed-Ensilage and Alfalfa Urged.

Dairy cows are not profitable uns fed properly. Ensliage and alfalfa hay are the best cow feeds. The canes, kaffirs, darso, feterita and corn are good row crops for the silo. If dfalfa cannot be grown, cow peas, soy beans or peanuts are leguminous crops to blant for dairy cow feeds.

mother interposed: "You must not burn your letty, Bobby." "I'm not." said Bobby, protestingly, "but I've got to get her from the dre. She's begin-ning to boll."—The Argensut. roughly away from the hearth. seixed her by the tall and dragged her her assence for awbile, then sudder his car before the freplace in performance to pure content. The car, almost happy, began to pure loudly, know the performance to pure loudly, know to pure loudly. Functioned Bobby was stroids

Time to be Semething. City Almost Has Monopoly About 90 per cent of the diamond tates are located in New York.

EATS ENOUGH FOR FOUR MEN

Probably Largest Human Consumer of Food in the World Threatens to This report covers a period of 31 Afflict Russia. days from October 1 to the 31 incus-

Highly interesting is the coincidence ive. Of this time two days were spent in the field returning from that the largest human consumer of the state fair. Eight days were food in the world should be a Russian, spent in the returning exhibits from and, though at present outside that the County and State fairs; getting distressed country, he is announced as in Final Reports and talking over anxious to return to it in order to go the various proects for the next year work; selecting or rather helping to select corn for the Portland Land select corn for the Postland Land with the observer. Three days were spent with The giant, Kazanloff by name, is

the Judging team in preparation for described in the Journal of the Amerthe Contest at the Pacific Interna- ican Medical Association as being nine tional Livestock Exposition. Nine feet three inches tall and weighing days were spent in going to and 435 pounds, his proportions being sym days were spent in going to and from and attending the Annual conference of Extension Workers, in Corvallis.

Four meals a day are needed to stoke this physical engine, hunger being his governing emotion. In 24 hours he will consume from four to While in the field 50 personal five pints of milk, from fifteen to twenvisits were made, 3 club meetings ty eggs, four pounds of meat, five or were held with an attendance of 19 six loaves of bread and large quantinembers, 1 meeting with the execu- ties of potatoes, beans and other vegetive committee of the Farm Bureau tables, washing down this Gargantuan six members present. A talk was repast with from four to six pints of wine and eight to twelve pints of beer. given to the teachers present at the Tired of the monotonous life of a Malheur County Teachers Institute, circus freak, this man mountain longs There 150 teachers present.. After for his native Siberia, where his fathe talk Mrs. W. L. Turner's Sew- ther is a farmer in moderate circuming Club gave a demonstration in stances, and soon will leave Hungary the form of a play. The girls dem- for his home. The hope is plously exonstrated the various things that pressed that famine conditions are not they had learned in club work in prevalent at his destination, for the the past year. After the demonstra of food that will feed four average tion a time was appropriated for healthy men, he will be four times as the teachers who were interested in hungry as his neighbors and therefore Club Work to confer with the County will become a menace to himself and Agent. Nine days were spent in the community. - Cincinnati En-

report; mailing prize ribbons and AIDS CHILDREN IN HOPPING checks to the winners at the county and state fairs; checking final reports

for the Annual Report. While in Pennsylvania Woman Has Put For the office 7 personal letters were ward Ingenious Device Which She Calls Grasshopper Feet. written, 8 telephone calls were ans-

wered; 2 articles for the press were Adult human beings are rarely seen written; 1 circular letter with 200 to skip and hop. It is, however, a copies mailed; 1 questionaire ans- form of exercise in which children wered and 3 office calls attended to. are wont much to indulge, to the The time this month was spent on treat benefit of their physical develtwo projects, mainley, Corn and the opment. Encouragement of this form exercise is offered by the novel in-Stock Judging. The other projects vention of a woman, May C. Southwere visited but as most of them gate of New York. It is a pair of have completed the work for the past nechanical grasshoppers, of giant year the time was spent where it size, put on like a pair of shoes and fastened by straps and buckles to the child's feet. They have legs of spring Three days were spent with the steel, terminating in rings which hold Judging Team in preparation for the subber feet. A child equipped with these grasshoppers can hop, skip or jump much more actively, and can get

Gold Film is Transparent. Gold 1-2,798,000 of an inch thick, or 10,584 times thinner than the ordi-Portland. Each member entered aary sheet of printing paper has recently been produced. One grain of the precious metal of this thickness covers nearly four square feet of area and is perfectly transparent.

lightness.-Philadelphia Ledger.

The process of obtaining the thinnest film is to cut a sheet of copper discernible. To separate the film of gold from the copper, the gold-plated copper strip is immersed in a weak days. The copper is entirely dissolved, leaving the film of gold floating on the surface of the liquid. The film is

Convincing Argument.

the better, of Judge Bramwell. requested seave to address the jury in Welsh, of which Bramwell was ignorant. It was a simple case, and permission was given. Counsel said only a few words, and the judge left the decision to the jury with little comment from him. He was, however, startled at the prompt verdict of ac-

"What was it," he inquired after-

"Oh," was the reply, "he just said, This case, gentlemen, lies in a nutshell. You see yourselves exactly how Englishman, the complainant is an Englishman. But you are Welsh, I am Welsh, and the prisoner is Welsh. Need I say more? I leave it to you."

Timely Advice. Brown had attended an auction sale of furniture and antiques and had

ought a grandfather clock. After the sale he looked round for meone to carry his purchases back to his house, but, alas! he could find

nobody. So at last, in despair, he decided to be his own beast of burden. After some difficulty he managed to strap his cloak onto his back, and trudged off toward home.

A burly navvy happened to con round the corner rather abruptly, and collision resulted. "I'm sorry," gasped Brown.

"So am I," said the navvy, rising from the gutter. "If you can't blow yer 'orn why don't you buy a wrist watch?"-London Tit-Bits.

Just Matter of Zeros. Two French workmen were talking

at a public bar. Of course, since they were not talking about horse racing hey were talking about politics. The various national debts go up to trillions of francs," declared one ith the air of a man who is saying ething astounding,

The other didn't blink, Tellions, I say," thundered the rst, "Do you know what a trillion "Yes," drawled his friend, "the

ame na a billion, only a lot more

Machine-Mado Gen Air. duce sen air in the heart of a great BONITA

Visitors' day was observed at the Wheaton Creek school house on Nov. 1st. A program of 12 numbers was given by the eleven pupils under the direction of their teacher, Mrs. Oliver Sandy, those to enjoy the program being B. E. Himler and wife, Mrs. Geo. Lees, Mrs. Elmer

Creek school house on the evening of Nov. 24th. The ladies are all asked to bring supper. The proceeds will be used to purchase pa per to paper the school house.

Geo. Lees returned from Brogan on Thursday with his winter supply of potatoes.

B. E. Himler returned from Brogan on Saturday with his winter supply of potatoes and apples. Blaine Spaulding came after wheat at Corder's ranch on Saturday.

Pupils to be neither absent nor were Gorman Smith, Mae Rowley, Jack and Mildred Himler, Mabel, Doris and Elwood Lees, James, Mary and Cora Lewellen.

Elwood Lees returned from Portschool Nov. 1. Elwood is in the a quality product. seventh grade and is very much in-November 1.

Saturday. They were not seriously hurt, Jack being bruised on the left jaw and left shoulder while Mildred

Mildred Himler.

Ed Paine, who came up from Westfall after a load of wood, stopped with Lees on Friday night.

sheep at the Lees and Simonson

Himler on Sunday.

We understand Abe Lewellen has this week.

ranch on Bully Creek. On his way

trap this winter. Jake and Reese Schultz left for

LIARSIPRETTY WELL MATCHED

American Evidently Found Forman Worthy of His Steel, In Old

An American poultry farmer went over to England to have a look round the poultry farms there and see where the farmers were making mistakes. He did not hesitate to tell how far advanced was the art of poultry keeping in America, and spun several very

Twenty chickens from twelve eggs appeared to be an everyday occurrence in the United States, if the stories be told could be believed. But a bluff old English farmer we

not unduly impressed. "Happen, maister," said the old man, "ye have never seen as many as a hundred chickens hatched by one

"Waal," answered the American. can't say that I have, but-" "Well, then, listen here, maister; 1 have," returned the farmer. "Down Inswich way we allus fill a barrel with

hole!"-Houston Post.

Animals Give From Five to Ten Times

is of the greatest significance from an industrial and technical standpoint. It has made it possible to mine it under the most unusual circumstances, a feat which would, under other consistences, a feat which would, under other consistences. mis, This peculiar behavior of sulphur stain and is thatly converted into a

The big, wheel-s'must fun pla

A Check Book Is You

Have you ever thought you paid the couldn't prove it?

A checking account will do away with assurance of safety, there is a convenience count and a little added prestige which n

A checking account is only one of the many hank is ready to give you. Come in and get

BANK OF NYSSA

H. Walters, President. Dick Tensen, Vice President.

ADVERTISING FARM PRODUCTS

BY ARTHUR G. SMITH, tardy for the month ending Nov. 3 Director Co-operative Advertising Services Corman Smith, Mae Rowley, ice, American Farm Bureau Federa-Advertising is just as beneficial to

producers' organizations as to manufacturers. It gets results for groups of individuals as well as for an indiland on October 31. He entered vidual, when the truth is told about Our co-operative advertising serv-

ice does not mean that there is anyterested in school, as he walked thing peculiar about advertising for seven miles so as to start school on co-operative associations. It simply means that the American Farm Bu Little Jack Himler and his sister reau Federation has established this Mildred had the misfortune to fall service which is available to the cooff while riding their horses on operative association of producers who want to advertise in order to create a greater consumption of their products. Our constant contact with prob-

was hurt in the back. Both children lems of marketing agricultural prodexpect to be back in school in a few ucts proves the way to market products, is to go after the consumer in Mrs. Geo. Lees and daughter a businesslike way, just as the suc-Mabel and Mrs. Oliver Sandy called cessful manufacturers and retailers Satruday afternoon to see Jack and are doing. That is to advertise and merchandise their products.

Farmers' associations have made some of the most conspicuous successes in advertising that this country has ever seen. Who does not Joe Mullen went to Westfall one know "Sunkist" oranges? Advertisday last week after his winter sup- ing made that name a household in England countryword, and advertising and merchandising have trebled the production of on behalf of the Ber Sunkist oranges and lemons during Sotheby's salesmons Sunkist oranges and leadons small that it could me the twelve years in which the Exchange has been advertising.

"Have you had your fron today? one Richard Pynen ? Oliver Sandy and wife were sup-per greets at Mr. and Mrs. Elmo conspicuous advertising success of a Por greets at Mr. and Mrs. Elmo conspicuous advertising success of a condition, though color Corder's home on Sunday, Nov. 5. the Raisin Growers of California.

Quaker oats, puffed wheat, shredded wheat, Mell-Creme cheese, Hart Schaffner & Marx clothes, Blg Ben There is rerfusion clocks—these are conspicuous exam- many .c. 304 es to the rented the Howard ranch near Bro-ples of successful advertising on the The same general methods of ad-

E. Bush was at his ranch on vertising and merchandising that in German, Spanish Clover Creek November 5. He took made the manufacturers successful England and America back machinery and grain to his were used by the growers of Sunkist It is the theologic to oranges and Sun Maid raisins. The this chorelate drink I same methods of advertising and matice of South America merchandising will make successful planted in all pasts of 5 Clara Schultz left October 30 to the products of other growers' co-opspend the winter above Lockheart, erative associations, providing a standard quality of those products is standard quality of those products is established and strictly adhered to bacteria and other and for all time to come

Vale November 1. They took down PLANTS MEED COLD WEATHER

Experiments Have Shown That in Northern Countries a Certain Amount is Essential.

According to common belief, cold weather causes plants to become dormant during the fall, while warm weather the succeeding spring again neltes new growth. Intensive investigutions of Dr. Frederick V. Coville of the federal Department of Agriculture, which have been conducted over a period of ten years, and which have covered every phase of this subject, demonstrate that both of these traditional theories are erroneous. Dor- ter of uncertainty, but mancy in our native trees and shrubs ins some time before the start of and the third by Pope in cold weather each winter; the appearance of Jack Frost is not necessary for the establishment of complete dorancy., Furthermore, after such a condition of dormancy has developed, exposure of the plants to the ordinary growing temperature thereafter does arouse them from their lethargy so that they begin growth anew.

Interestingly enough, the Coville experiments show that plants which have responded to the lure of autumnal and winter dormancy will not react properly and resume normal growth the following spring unless they are subjected during the interim to a period of chilling. A certain amount of cold is essential to stimu-

The foitowing was the uniform for officers of the corps, by order of "Marine Committee," dated Sepsuber 5, 1776: "A green coat faced sith white, round cuff, slashed sleeves peckets, with buttons round the skirts turned back, buttons to the facings; white waistcoat and sches edged with green, black ers and garters." The order also stated that green shirts were ordered for the men "If they can be procured

DREAM NYSSA. Two Doors West 1

is the concerning the hip less than a minuter nve to be kept down prevent fire-ter Horse Is Prairie

Evelyn is only four admit she is "resi ; her grandmother trie sny "danke schoen" good effort with her few days later an o use the expression a few moments and rather free rendering German: "Horse chin

tween coco, com as

from the bodies of hon rhoea, typhoid fever, a polsoning, amoeble to scesses, leprosy, mass summer complaint, me teritis, trachoma, era grene, stomach worms ophthalmia.

Panal Hat Wemi Originally the tiams of the pope, was a p pictures. It was first Pope Nicholas I, in 8 placed by Pope Bonifs

A ludicrous distortion occurred not long and school when a small the Pharisees: "The Pa mean, measly lot. Our them gave our Lord a M Lord held it out in hish at it with scorn and said." scription is this?"

Fighting Week In sections of the fruit growers cover the roofing paper, cutting out for the meion hills. It has that by this practice all smothered and there is in labor for cultivation s

City of Storks In Angora, the capital Turkey, storks may be where. One pair nest a the column reared by the honor of Augustus, Anato paradise, for the Turks

Daily Thought It takes a long time to

Nyssa Community J. J. Fleming, Minister.

SUNDAY SERVICES. SUNDAY SCHOOL MORNING SERMON YOUNG PEOPLE'S MEETING EVENING SERMON WEEKDAY MEETINGS. OPEN FORUM MEETING

Wednesday, 7:45 SOCIAL, First Saturday Afternoon of Esch 1 AL. Thirt Friday Evening of Each Month.
LE'S SOCIAL, Second Friday Evening of Each Month. DINNER AND SOCIAL, Last Monday Eve

NEOUS EXPENSES OF COUNTY CUT

OP IMPROBABLE

SSESSMENTS BOUND RAISE MILLAGE OR COUNTY.

drop of 11 per cent the estimated tax for general county, state purposes in Malfor next year, accordestimated budget which hed in the Enterprise This drop in dollars and to \$46,790.99.

s made by the budget miscellaneous expenses which the county has expenses were pared nd then cut some more, SI 500 is asked for these ding \$60,000 for road 1922 budget called for these items.

expenses of the varoffices will increase a r. This is natural, as usiness of any county rease the expenses of But this increase in he county offices is set by the estimated county other than which come from fferent offices. These eipts are placed at the budget for this but the sum of \$47,sted receipts.

biggest item of exunty is the state tax ated at \$160,000 by rd. But there is no may be. The county every thing possible ustment of the ratio the state tax commis-Malheur county assder to get the exhor- lands of this county re-

and o ing this apparent creases amount of money to town a the taxpayers of the land no mnot be expected to furnitu they were this year es of property as, is ther article on this assessed valuation of taken a tremendous year. As the dolof taxes to be raised tioned to the dollars

ssed valuation it is the millage for the higher next year. tives. lust Be Kept. -Clyde G. Huntley, ernal revenue, calls Nyssa F

were !

taxpayers to the the provisions of a Sunday v decision every indi- family of on the business of Walter sufacturing, purcahs- helping any commodities or with his cept the business of pects to r lling products of the ranch nea he purpose of deetr-unt of income under pointment pointment of 1921, keep such of account or re- George Pl inventories, as are this vicini lish the amount of buy Sunda

Elbert

weekend in

end in Bois

ing, it bein

brance, as sh

Miss Betl

d deductions, credits nation required by were out o turn." required books of nall be produced for of revenue officers to inspect the Huntley says taxsimplify the task ir income tax re-

ES ARE MADE

COUNTY TEAM JUDGING GOOD.

heur Enterprise.) n the three mem- husband, left ounty's boys' club her home the which won a prize Miss Bliss estock exposition Vaughn and ork on the part of Kakebeke and Weber made the Boise Saturda the three but they ball game be the top mark. A carload lons of judging Ham Brown follows:

Short horn, 85; wool sheep, 85; ed to bring 55; Jerseys, 85; stalks. neings, 85; rea- Mrs. H. M. total, 675. La Chinese.

Clement will I for Seattle to c, according to Harry Clement of incense burn on the run

was visiting George Schwe

shipped to t

was of prime

Cole's Original Hot Blast Cut Show &

ment of various diseases. 1. Bovnen, nes

'et 98.

Amos Roethler was in the vicinity Saturday. He is pasturing his

Elwood, Doris and Mabel Lees visited Harold Mildred and Jack

gan. He has been moving down part of manufacturers.

back he called at Corder's ranch. where her father and brothers will

back winter supplies.

English Farmer.

tall yarns on that subject.

eggs and set the old hen on the bung

DAIRY COWS WORK HARDEST lating the plant growth.—Scientific

weight in milk, containing as much actual dry matter as do the bodies of two or three steers. It requires approximately the same amount of enas it does to plow an acre of land.

This gives us some conception of the enormous amount of work the enormous amount of work the ergy to produce 20 pounds of milk be well fed and cared for.-Utab

city. It is being anot in the treat-

Farmer.

Their Weight in Milk-Need Best of Feed. Cirany Dressers in 1776. People seldom think of the dairy cow as a hard working animal, yet it is a fact that she works harder that other domestic animals. Every year she gives from five to ten times her