Farmers and Merchants

Write us for our cash offer on your Farm and Dairy Produce. If we don't handle it will refer you to reliable buyer. PEARSON-PAGE CO. Portland, Oregon.

HOWARD E. BURTON — Assayer and Chemist, Leadville, Colorado. Specimen prices: Gold, Silver, Lead, $1. Gold, Silver, 50c; Gold, 50c; Zinc or Copper, $1. Mailing envelopes and full price list sent on application. Control and Umpire work solicited. References: Carbonate National Bank.

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2000 Shares World Keepfresh Company Stock at $2.50 per share if taken at once. Par value $10.00. Jas. Ferguson, 231 Worcester Bldg., Portland, Or.

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3000 Gummed Labels, printed as you wish, for $1.00. Western Specialty Co., 231 Worcester Bldg., Portland, Ore.

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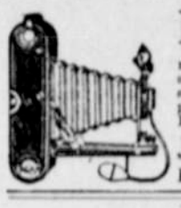
FROM WEAVER TO WEARER

$3.50

Can be worn unblocked by women. Blocked in any size, shape or style for men. Brims 3 and 4 inches. Light weight. Sent postpaid on receipt of price. Money refunded if not satisfactory. Get a durable, stylish hat for the half of what it would cost you elsewhere. Address NEW MODE HAT CO., C. H. Mousslorffer, Prop. 227 1-2 Washington St. Twenty years in Portland, Portland, Or.



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rolls developed, 10c, any size. Largest and best shop in Northwest. Complete price list on request. Best results guaranteed.

JACOBS PHOTO SHOP P.-I. Build'g, Seattle

The Henna Plant.

Everywhere in lower Egypt the henna bush grows. It attains a height of seven feet and bears a multitude of snowy tufts. The virtues of henna are chanted by all mouths and its tawny tinge is seen around the eyes, in the nostrils, and on the hair of eastern women. The henna paste is made by rolling the dried leaves and soaking them in liquid drawn from another shrub.—Harper's Weekly.

The Wandering Jew.

Matthew Paris and Roger Wendover identified the Wander Jew as Cartaphilus, a porter in the household of Pontius Pilate. Other authorities identify him as Ahasuerus, a cobbler of Jerusalem. The legend is far older than the events which it proposes as its central feature. In the course of its popularity throughout the middle ages it has acquired many foreign elements by accretion.

Origin of "Mutt."

"Mutt" is a contraction of "muttonhead," a term applied in ancient times to a stupid fellow, equivalent to "dunderhead" and "puddin'head." An old publication has it that "Columbus taught a parcel of 'muttonheads' that an egg might be poised on the smaller end."

Treachery in Kansas.

A great many people spend all their time talking and call it fighting for principle.—Emporia Gazette.

MEXICAN **MUSTANG LINIMENT**

"OK" FOR HORSES.

Charles Locke, Stanford, Mont. writes: "You will find enclosed two cent stamp for which send me your Horse Doctor's Diary. I am a hostler in a barn here on the Great Falls Stage Line and my horses have very sore shoulders. I've used Mustang Liniment and find it all right. I recommend it as the best on the market."

25c. 50c. $1 a bottle at Drug & Gen'l Stores.

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is our pride—our hobby—our study for years and now our success, and ours is the best painless work to be found anywhere, no matter how much you pay. Compare our Prices.

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We finish plate and bridge work for out of town patrons in one day if desired. Painless extraction free when plates or bridge work is ordered. Consultation free.

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CONSULTATION FREE.

If you live out of town and cannot call, write for symptom blank and circular, enclosing 4 cents in stamps.

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CORNER FOR THE JUNIORS

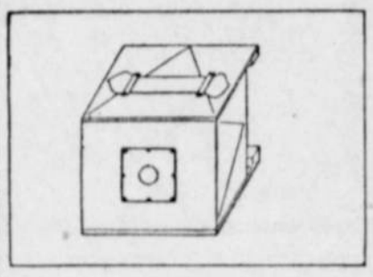
HOW TO MAKE GOOD CAMERA

Device Well Adapted for Landscape Photography Where "Snapshots" Are Not Required.

If you want a camera simply for landscape work, or, in fact, any class of photography which does not require a "snap-shot," you will find it no great trouble to make one for yourself, which will produce results more pleasing in many ways than those of the instruments which you can buy.

It is necessary first to fix upon the size picture which you want to make, selecting some standard size in order that plates and paper may be obtained anywhere where photographic supplies are sold; the "four by five" answers these requirements, and the dimensions here given are suitable for a camera taking that plate. After buying one or more plate holders, make a wooden box measuring 4x5x7 on the inside; this is not a complete box, as the back is left off and the top and bottom extended one inch, as shown in the drawing. After making, this should be coated with a dead black paint, both inside and out, and if any cracks appear along the joints they must be filled with putty before painting; should any light enter the camera other than through the lens, the picture would be spoiled.

Lay the plate holder against the open end of the box, and mark on the projecting top and bottom of the box



Home-Made Camera.

exactly where the edges of the plate holder come; wooden cleats are then to be nailed along these marks, as shown. As it is impossible to make a light-tight joint in this manner, strips of felt or of black velvet should be glued along the edges, so that the plate holder is inserted with some difficulty.

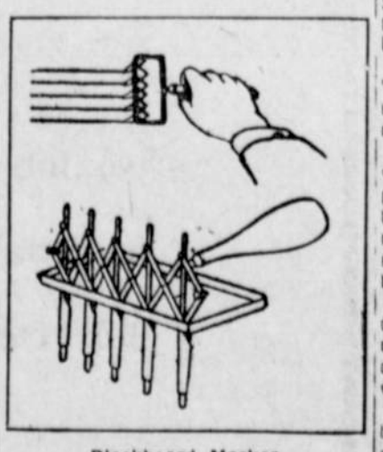
In the exact center of the front of the camera bore a three-quarter inch hole. Then take a piece of tin about one inch square and dent the center with an awl until a slight projection appears upon the other side; file this projection until the metal is very thin. Force No. 8 needle through this thinned portion, and round out the hole by revolving the needle and drawing it in and out; this hole is the lens of the camera, and upon the care with which it is made depends the excellence of the results.

The camera is now completed, with the exception of a finder; this may be provided by drawing lines, as shown in the sketch, upon the top and one side of the box; the distance between the ends of the top lines should equal the length of the plate and between the ends of the lines on the side the distance should correspond with the plate width. Each pair of lines come together at a point which is in the center of the corresponding edge of the back.

MARKER FOR A BLACKBOARD

Draws Number of Parallel Lines at One Sweep——Distance Between Crayons Is Regulated.

A blackboard marker, by means of which a series of parallel lines may be drawn at one movement, has been designed by a New York man. The chalks are inserted in holders that are mounted on a lazy-tongs and the lazy-tongs are slidably mounted in the slots of a bar, which in turn is



Blackboard Marker.

set in a U-chaped frame—the frame having a handle at the back. To regulate the distance between the crayons, which means to regulate the space between the lines they draw the lazy-tongs are either extended or contracted, as the case may be. There are screws to keep them rigid in any position desired. It is easy to understand the convenience of a device like this for use in the school room in dividing the blackboard into vertical or horizontal spaces, or into squares.

PROFITABLE MANAGEMENT OF SMALL FLOCK OF GRADE EWES

One of Daintiest of Animals Will Live and Grow Fat Where Cow Would Starve to Death—Aim to Have Lambs Come in January or February, the Earlier the Better.

Sheep on a Western Ranch.

(By R. B. RUSHING.)

Four years ago I purchased a piece of land adjoining my farm which was, to say the least, one of the worst run-down pieces of land in the country, with noxious weeds of all kinds, the burdock being very rank.

I turned in my sheep and in a few weeks they had the burdock eaten right into the ground.

The sheep, while it is one of the daintiest of animals, will live and grow fat where a cow would starve to death. I usually make two cullings of my flock each year; one in the spring and one in the fall.

In the spring I cull out all the ewes that do not bring lambs or those that do bring them and for some cause fail to raise them, unless those ewes are of extra quality and promise well in the future.

In the fall I cull out and ship off all the old and weak ones, also fatten and ship the wether lambs during the fall and winter, thus my spring culling is light and my fall culling heavy. However, I consider both important.

I make a point to always buy the best registered rams I can find. There is nothing gained in using a "cheap ram" on a flock of grade ewes.

If you want to raise early lambs, that is, winter lambs, you must be thoroughly prepared and clearly understand the business. It means sleepless nights, nursing bottles and warm blankets. But lambs usually bring a good price in the market, which I think pays for the trouble of raising them.

I aim to have my early lambs come in January and the first of February—the earlier the better. My ewes are kept in good, thrifty condition, both before lambing and after.

Here is where many fail to have what is called "good luck" with sheep. I see many flocks after they bring their lambs, either early or late, turned out in the early spring and that is all that is thought necessary. Consequently they become thin in flesh and run down from sucking.

Thus, when the breeding season comes again, they are in no shape for service, and if they do get with lamb at all, the chances are they will bring a weak lamb. "Bad luck" follows of course.

You can plainly see that the real trouble lies in their care and handling at all times. They must be made to take plenty of exercise and not be housed until just before lambing time, except in stormy weather, then it is well to have a shed provided for them to go under during the summer storms.

When lambing time comes I watch my ewes very closely and am obliged to be with them both day and night almost continually. Of course at this time I keep them in a good, warm barn.

I fence off little pens about six feet square and put a ewe and her lambs in by themselves for two or three days until the lambs have become strong enough and sufficiently acquainted with their mother to know her and find her when turned in with a number of ewes and lambs in a large place provided for them in the barn.

Of course talking about winter lambs may seem a little out of season now, but now is the proper time to be thinking of that very thing for it will not be many months before the breeding season will be here and then if the flock is not in proper condition for breeding, the winter lamb business will prove a failure.

It is an excellent plan for every farmer to put up every fall a quantity of oats straw to help out in carrying the sheep through the winter. Wheat straw will answer the purpose but it is not as good as oats straw.

Of course straw is not an ideal feed for sheep. It contains little nutriment, but not much and a great deal of food fiber, but clean oat straw fed sparingly in connection with roots or other succulent feed helps out wonderfully.

Placed in the rack with clover hay it will be pretty well eaten up every day and it undoubtedly saves some grain.

Where a farmer has plenty of grain and little roughage oat straw will help to piece out the ration admirably.

If fed in large quantities it will almost certainly produce stomach trouble and this should always be avoided.

DESTRUCTION OF OLD FRUIT TREES

Traveling Timber Buyers Buy Them Up for Manufacture of Tool Handles—They Should be Spared.

(By J. H. HAYNES.)

There seems to be a disposition on the part of the farmers to ostracize the old standbys of years ago. It seems like a sacrilege to do so.

Some traveling timber buyers went over our country buying old apple trees for the manufacture of tool handles. Their story was that the trees were worthless for fruiting and the price they paid would replace the old trees with young stock.

The grandfather of the writer planted an orchard (seedlings) 80 years ago. He gave his children the privileges of choosing a tree and naming it.

One of the boys called his tree "Bill's Apple." This tree is still living and bearing. So is the boy who named it.

One other of these seedlings that was top-grafted with the Pound Pippin is still bearing. Enough wood was taken from these two old trees to make a gavel to be used by the presiding officer at the annual meeting of the descendent of the old pioneer.

Last August over 200 of these children and grandchildren met to commemorate the memory of the planter of these two old trees and this gavel was presented to the society.

Some four or five miles from where these trees stand is a pear orchard all seedlings planted at the same time by another pioneer named Harter. These trees are in fair condition yet, and although seedlings, the fruit is good.

Our motto is spare the old landmarks. A young tree six years old that grew from a graft from a tree 276 years old bore an apple last year and we are sure the fruit was of the same quality, appearance, etc., as the fruit that grew on the original tree in the orchard at Boston, Mass.

Grape Cuttings.

Plant grape cuttings in the spring as early as the ground can be worked.

FORAGE-PLANT SEEDS IMPORTED

Considerable Number of Lots Examined Found of Low Vitality and Inferior Quality.

The Secretary of Agriculture is calling attention to the Seed Laboratory which has examined a considerable number of lots of forage-plant seeds imported into the United States during 1911 and found that many of them consisted of seed of low vitality and high weed-seed content, said:

"The analyses of 18 seed lots of seed of alsike clover, red clover, white clover, and hairy vetch, amounting to 225,780 pounds, showed that the pure seed consisted of only 44.9, 64.2, 51.2, and 23 per cent, respectively, of the consignment, while the germination was as follows: 38.8, 37.0, 30.5, and 77 per cent, respectively. Consequently, though this seed was imported at a cost of $7.47, $7.97, $17 and $3.82 per 100 pounds, respectively, the actual cost of 100 pounds of seed that germinated was $44.35 for alsike clover, $34.66 for red clover, $111.86 for white clover, $23.29 for hairy vetch or from two to four times the market price of seed of the very best quality.

"A special examination of seed of alsike clover and red clover imported from Canada during 1911 showed that approximately one-half was unsalable for seeding purposes in that country, the seed control act there prohibiting sale when more than a prescribed number of noxious seeds are found to the pound. One lot of seed of alsike contained less than 50 per cent of pure seed, germinating only 15 per cent, or 7½ per cent of the entire bulk. This particular lot contained approximately 135,000 weed seeds in each pound."

Leads in Cranberries.

It is claimed that Massachusetts leads the cranberry output, with an average crop of about 400,000 bushels annually; New Jersey is a close second with about 350,000 bushels; and Wisconsin ranks third with an average of about 100,000 bushels.

REDUCE YOUR LIVING EXPENSES

Eat Golden Cereal Foods and recommend them to your acquaintances. You get better quality and more for your money. They are made in your home state from the best Oregon Oats and Wheat. Large packages contain a Handsome Premium and all goods are guaranteed. Ask your grocer.

Golden Rod Oats. Golden Rod Pancake Flour. Golden Rod Wheat Flakes. Ralston Select Bran. Golden Rod Wheat Nuts. Golden Rod Chick Food.

SHE BLAMES "SPIRIT WIFE"

Mrs. William Phelps Dodge Divorced Husband Because Uncanny Influence Ruled Him.

The uncanny influence of a "spirit wife" is said to have been responsible for the divorce action which Mrs. William Phelps Dodge has just won against her millionaire husband.

The decree, which was signed in Philadelphia, would have been granted several weeks ago, it is understood, but the judge wanted to make a longer investigation of the unusual charges brought by the girl wife of the widely known author and lawyer.

According to the papers in the case, Mr. Dodge, who is forty-eight years old, met his young bride here at Sherry's on election night, 1909, and after an impetuous wooing, married her in London on January 10, 1910.

Prior to that time she and her sister had been in the chorus of "Havana," a musical comedy playing at the Casino.

Despite the difference in their ages—the bride was only eighteen—the couple lived happily for a couple of months after the wedding. Then Mrs. Dodge charges that the spirit of Mr. Dodge's first wife, Ethel, appeared before him and began to "pick on" her successor.

Young Mrs. Dodge said that whenever she wore a jewel, a veil or anything that the first Mrs. Dodge had possessed, the latter's spirit would appear before her husband and demand that he have it removed at once.

And, according to the girl-wife, the spirit-wife was always obeyed.

This treatment got on the nerves of the youthful Mrs. Dodge finally, and she packed up and returned to this country, leaving Mr. Dodge in London.

Immediately on her arrival here, she applied for the divorce through her mother, as guardian, and charged that cruel, barbarous and inhuman treatment had been inflicted upon her by her husband.—New York Evening Mail.

Red Cross Ball Blue gives double value for your money, goes twice as far as any other. Ask your grocer.

Show Yourself.

Little Marjorie was showing her new birthday toys to grandpa, when her mother told the girl to let grandpa show them to himself. Marjorie was unwilling to do this because she wished to do the exhibiting. Then an idea struck her. "Here, grandpa," she said, handing him a toy at a time as she spoke, "show yourself my dolly, show yourself my blocks." And thus she went through the collection.—Judge.

The Best Way.

A correspondent wants to know how to pronounce Chihuahua. The best way is to say Chy-he-wa-hewa and then laugh as though you knew better. If it is done artistically you can get away with it nearly every time. The same treatment has been frequently applied to decollete with great success.

To Break in New Shoes.

Always shake in Allen's Foot-Ease, a powder. It cures hot, sweating, aching, swollen feet. Cures corns, ingrowing nails and bunions. At all druggists and shoe stores, 25c. Dont accept any substitute. Sample mailed FREE. Address Allen S. Olmsted, Le Roy, N. Y.

Whole Hog or None.

"Whole hog or none" refers to the alleged custom of Mahomet to allow his followers to eat all except one portion of a pig, which portion, however, was not specified. The result therefore was that if a Mahometan did not wholly avoid the use of pork he might as well run the risk of consuming the whole hog as to eat any portion thereof.

Need of Greater Production.

If every immigrant that shall enter the ports of the United States and Canada during the next decade were to engage in cultivation of the soil the production resulting would be none too great for the reasonable needs of the people who have to be supplied.—New York Sun.

Virtue in Silence.

Silence is one great art of conversation. He is not a fool who knows when to hold his tongue; and a person may gain credit for sense, eloquence, wit, who merely says nothing to lessen the opinion which others have of these qualities in themselves.—William Hazlitt.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Walnut Tree as Bell Tower.

A church bell hung on a walnut tree at Therfield, England, which for 40 years had summoned the villagers to divine service, has been taken down and now forms part of a peal in the newly erected tower of the church. When the present church was erected a tower could not be built owing to lack of funds and a bell from the old church was hung on the walnut tree, which is near the church.

Preserving the Beaver.

The efforts to prevent the extermination of the beaver in the Adirondacks have been so successful that there are now more than twenty large beaver colonies on the Raquette river alone, and there is fear of serious damage to poplar timber through the activities of the busy little fellows.

St. Helens Hall

Portland, Oregon

Resident and Day School for Girls in charge of Sisters of St. John Baptist (Episcopal). Collegiate, Academic and Elementary Departments. Music, Art, Elocution, Gymnasium. For catalog address THE SISTER SUPERIOR Office 35, St. Helens Hall

Price of Ignorance.

Many children are never taught to think and to reason out every question in a fair-minded, reasoning manner. That is why we meet with and suffer from so many unreasonable and unreasoning men and women . . . who are governed by prejudice, impulse and personal feelings, instead of by thoughtful and careful consideration. They do not see what is right because they do not know how to judge without prejudice.—Our Four-Footed Friends.

Exponent of Economy.

A widely known Republican was asked if he was for a certain candidate for governor, and he answered: "No; I don't want to waste him. The situation is like an event in a Dublin theater. Some fellow had made a disturbance in the gallery, and the cry was raised, 'Throw him over! Throw him over!' Thereupon a solemn-looking man rose from his seat and impressively shouted: 'Hold on! Don't waste him! Kill a fiddler with him.'"—Everybody's Magazine.

Be thrifty on little things like bluing. Don't accept water for bluing. Ask for Red Cross Ball Blue, the extra good value blue.

Courtesy.

The knowledge of courtesy and good manners is a very necessary study. It is, like grace and beauty, that which begets liking and an inclination to love one another at the first sight, and in the very beginning of acquaintance; and, consequently, that which first opens the door and intromits us to instruct ourselves by the examples of others, and to give examples ourselves, if we have any worth taking notice of and communicating.—"Ceremony of Interview," Montaigne.

Professional Toastmasters.

Probably the most exclusive and mysterious profession is that of the toastmaster at a banquet. It is not an all day job, but the function of the supreme man, who can dominate a babbling assembly, anxious for food, and hold them with "Pray, my lords, ladies and gentlemen, silence for grace by ——" and the reverend gentleman gets up and bleats under the patronage of the toastmaster.—London Chronicle.

That Active Germ.

A single germ in a forty-quart can of milk, if the conditions be favorable, will divide once every half hour, so that at the end of 24 hours it will have increased to 281,474,976,210,656. At the end of the 24 hours one cubic centimeter of the contaminated milk would contain more than 7,438,000,000 germs. This is the report made by the New York Milk Committee in the government's weekly public health reports. What's the use?

DAISY FLY KILLER placed anywhere, attracts and kills all flies. Neat, clean, ornamental, convenient, cheap. Lasts all season. Made of metal, can't spill or tip over; will not soil or injure anything. Guaranteed effective. Sold by dealers or 6 sent prepaid for $1.

HAROLD SOMERS, 150 DeKalb Ave., Brooklyn, N. Y.

Prisoner Went on Strike.

A "one-man" strike occurred, not long ago, in the Perth (West Australia) jail, when a man who is serving a seven years' sentence and who was employed in the tailoring room, went on strike on the ground that he was competing unfairly with outside trade. Because of his unionistic principles he was sentenced to three days' solitary confinement, and was ordered to resume work.

For the Hair

Are you so fortunate as to be well satisfied with your hair? Is it long enough, thick enough, rich enough? And your hair does not fall out? Well, well, that is good. But you may know of some not so fortunate. Then just tell them about Ayer's Hair Vigor. They will surely thank you after using it, if not before. Remember, it does not color the hair. Show the list of ingredients to your doctor. Let him decide their value. He knows.

Made by the J. C. AYER CO., Lowell, Mass.

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