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WM. PENLAND, President. ED. R. BISHOP, Cashier.

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WE HAVE FOR SALE ALL KINDS OF UNdressed Lumber, 16 miles of Heppner, at what is known as the

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PER 1,000 FEET, ROUGH. - - - $10 00
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IF DELIVERED IN HEPPNER, WILL ADD $5.00 per 1,000 feet, additional.

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"QUEEN ANTI-HAIRINE" removes Beard or Superfluous Hair from the Face, Neck and Arms, or Moles and Birthmarks. Made into a paste, only a few minutes application is required. It is powerful, yet mild in its effect. It dissolves and destroys the follicles of the hair without the slightest pain, injury or discoloration to the most delicate skin. Try it. One Price, $1.00 per Bottle.

"QUEEN HAIRINE" to restore and promote the Hair has no equal. It is a pomade (vaseline form). Four applications will stop the hair falling and prevent dandruff. It cures scalp diseases, and will positively grow a luxuriant growth of hair unless hereditarily bald. Baldness is not an indication that the roots are dead. Nature did not provide that we should wear a covering for the head. When the epidermis (skin) is alive, so are the roots, and "Queen Hairine" applied to the surface opens the follicles, and gives nourishment and vitality to the roots. One bottle will convince the most skeptical of its merits. Try it. Price, $1.00 per Bottle.

"QUEEN ANTI-ODOR" (powdered form) applied to the parts allays excessive perspiration, and permanently cures offensive feet, armpits, etc. A most delightful and harmless remedy. Price 50c.

Our "ONDOLINE" (liquid, pure and harmless), when applied to the skin restores and beautifies the Complexion; removes and prevents Tan, Sunburn, Freckles, Pimples and Blackheads. This renowned preparation cannot be excelled. A single application has a marvelous effect, and each additional one improves the complexion. Try it; if not delighted with it, return the bottle, and we will refund your money. One Bottle will restore the complexion. Price, $1.50

QUEEN TOILET CO.: Your preparation formulas (after a careful analysis), I am free to say, are harmless, and certainly effectual if used according to directions. J. P. Hesse, M. D. 484 Freeman Ave.

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OUR Cushion Tires ARE Warranted ALL PARTS Interchangeable. $85.00
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Dirt falls out when the chimney is taken off, not into a pocket as in other central-draught lamps.
Putting in a new wick is a very easy matter indeed.
All this seems strange to one who knows how troublesome other good lamps are.
It is in all the good lamp-stores. Send for a primer.
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Uses Book Stand, Music Stand, Atlas Stand, Album Stand, Bible Stand, Flower Stand, also Lamp, Lecture Parlor, Library, Office, Dictionary and Cheiker Stand and Easel. Hard wood, rubbed finish, height 34 inches. Height extended, 56 inches. Weight 12 lbs., size of footing, shipped K. D. Price, $2. KEELER & CO., Furniture Rooms, 31-33 Washington St., Boston, Mass.

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THE APPLE ORCHARD.

SECOND PAPER ON ITS DISEASES AND INSECT ENEMIES.

Pruning and Its Importance on the Health and Vigor of Trees—Apple Worms and Remedies Described—A System of Pruning.

In a former paper I gave some facts as to the causes of loss of vitality in trees and why such want of vitality gave still further decrease, by insects and diseases. There is one other thing that greatly reduces vigor and vitality of fruit trees—pruning, as generally practiced. All pruning is of course unnatural, therefore, as we are obliged to prune or rather cut back, on this Coast for special reasons, we should try to do it as much as possible without transgressing natural laws. A general right system of pruning is too long a subject to go into here, but as it has such a bearing on the future vigor of the orchard it is desirable to give the fundamental principles. If a wrong start is made a vigorous, healthy, fruitful orchard can never be had.

PRUNING.

First—The tree when planted should be cut back to ten to twenty inches from the ground.

Second—Branches should be started not more than ten inches from the ground and the lower branches should be cut back to within a few inches of the trunk at each winter pruning.

Third—A tree so started never will need any other pruning except to cut back the too great growth on the upward and outward surface of the tree's head each winter. If cut back one winter the upward and outward shoots must be thinned out the next. On this thinning out a great deal depends, and if it is not done the orchard will be spoiled. Cut out clean all these shoots but one or two.

Fourth—Never do any pruning on the inside of the head of a pear, apple, plum or prune tree when started on this system. But constantly shorten in the lower side branches each winter.

BUGS AND DISEASES.

The first great enemy of the apple, pear and quince is the apple worm or codling moth. This is the larva of a pretty, little, delicate moth, which lays its eggs on the young fruit soon after the petals fall in the spring. The moths continue to lay through the entire season. In California there are two or more broods. When these eggs hatch the young caterpillar begins to feed on the skin of the young fruit and soon burrows its way directly into the core of the apple, usually by the way of the calyx or eye which at that season of the year opens upward. We have been taught that the moth, as a rule, deposits her eggs in the eye of the apple, but this observation shows to be the exception rather than the rule. The egg, which is very minute, is deposited on any portion of the apple and the minute larva seeks the calyx for shelter. Then, when feeding on the skin of the apple or in the calyx, if there is a virulent poison present it will take it with its food and is killed. There are three practical mineral poisons. Paris green, London purple and arsenic or arsenic acid. These are soluble only to a very slight extent in water. The first two are most generally used. They are in the form of fine powders and are used by simply stirring one pound of either into 200 gallons of water and then spraying the solution over every part of the fruit and foliage of the tree, using a very fine spraying nozzle with considerable force from a force pump. Be careful to keep the mixture stirred up from the bottom of the tank. Both of these powders are insoluble in water and soon settle to the bottom. This would give no effective poison at times and entirely too much at others.

To kill the codling moth the orchard should be sprayed thoroughly in winter with the lime, sulphur and salt compound. The sooner it is done after the leaves fall the better. This spraying has no effect toward destroying the apple worm, but is simply preparatory and very beneficial in many ways. Spray again with the arsenites soon after the petals have fallen from the flowers. And then again in two weeks until August. It is a big job but it must be done thus for thorough work.

D. B. WIER.

The Mealy Bug.

The mealy bug has made more people miserable than almost any other insect. These are of several species, but all are so nearly alike in habits that the term, mealy bug, does well enough for all. It is a flat scale-like bug about as large as a half of a kidney bean, nicely fringed around and scalloped, and covered with a white mealy powder. It feeds on the under sides of leaves, is very sluggish in its movements, and looks quite innocent. It soon materially injures plants upon which it feeds. The mealy bug is so tenacious of life, and so well protected, that few things will kill it that will not also kill the plant. Therefore the old slow process of hand picking is about the most feasible remedy. There is a very good means of killing them. Take an ounce vial of chloroform, a small camel's hair pencil, and touch them on the back with the pencil dipped in the chloroform. Many other noxious insects can be instantly killed in this way.

A London contemporary states that the oily matter present in grape stones has lately been made the subject of a chemical investigation, with a view of ascertaining to what use it can be put. The result has been to show that the oil is by no means dissimilar to castor oil, resembling that substance in its high acetyl number and iodine number, a resemblance which extends to its property of yielding Turkey-red oil on treatment with sulphuric acid. Direct dyeing tests showed the product to be excellent. Should this result be confirmed a novel industry may be expected to arise.—Boston Journal of Commerce.

In our bug collecting days we took a vial with a ground glass stopper into which we dropped a little lump of cyanide of potassium, and over that a wisp of cotton. Then when we found a bug we dropped it into the vial, and on the downy bed he quickly and quietly died. The fumes from this most deadly of poisons quickly kills all insects. It seldom injures vegetables. Advantage has been taken of this to free trees, especially the orange, when scale bug infested, by covering them with a tent and generating the cyanide gas beneath it by decomposing the cyanide in acid. Here is an open field for valuable experiment with this poison. It is possible that a weak solution of the cyanide in water might have most valuable uses in controlling noxious insects.

FARM AND GARDEN

MANAGEMENT OF TURKEYS.

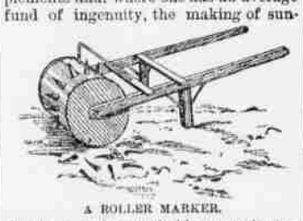
Requirements of These Fowls Which Often Prove Troublesome and Unprofitable.

Turkeys require a large range, and except on large farms, or at least sufficiently so that they can be kept from trespassing on the premises of neighbors, raising turkeys is likely to be troublesome in many ways besides being unprofitable. A naturally dry and rather sandy soil is the best for turkeys, as it is for raising other fowls, for nothing occasions more loss in young chicks of all kinds than wading around in mud and wet grass. There is one thing that can be said in favor of raising turkeys that cannot be said of chickens, which is that they can be more easily driven where one wants them to go, so that a child can watch a turkey hen when she is let out with her brood, and can keep them from straying too far and drive them home under shelter when a storm is coming up.

Turkeys are very partial to choosing their own nests in the open field, and where one succeeds in setting on her stolen nest she should be brought in and cooped for some weeks as soon as the chicks are hatched, leaving the chicks to run out. It is, however, better to induce her to set somewhere under shelter when it can be done. By putting the hen turkeys a few days before they begin to lay in a large inclosure where they can make nests a little hidden from observation they can afterward be allowed to run out, and will return and hatch where their broods can have better protection than in the open field. Turkeys do not like to be disturbed when on their nests nor watched while going to them. The young ones are very tender, and for a few weeks after hatching require even more care in keeping them out of the wet than chickens do. When from six to eight weeks old they become quite hardy and can have full liberty, but up to that time the mother turkey should be confined in a large coop, and when left to run out for a short time, should be carefully watched to prevent her wandering off with her brood into the tall grass. Turkeys can be hatched and raised by hens, but a turkey understands the way of the young ones and makes a better mother for them.

A Wheel Dibber.

The present is an opportune season for the repairing of tools and farm implements and, where one has an average fund of ingenuity, the making of sundry farm and household conveniences. In the accompanying illustration is shown a wheel dibber, which Farm and Fireside tells can be made easily and cheaply. Here are the directions:



A ROLLER MARKER.

Get a piece of maple, oak or other hard wood log, say fifteen inches in diameter by a foot long. Have it turned nicely and a hole bored through for a bolt to serve as an axle. Handles are to be attached in the way shown in the illustration. It is then a roller, and may be used for that purpose in the garden, following after the seed sower or in any place where the use of a small roller is desirable. Inch holes are bored in a circle around the roller, midway between the two ends, four inches apart, and short wooden pegs or pins are inserted to act as dibbers. The weight of the roller presses each peg clear down into the soil and thus holes just right for the young onion plants are made as fast as a person can walk. For lettuce, celery, cabbage or other plants some of these pegs or pins may be left out or removed, and holes may thus be opened eight or twelve inches apart. Of course the size of the roller should be such that the circumference is exactly three or four feet, otherwise the pegs must be inserted nearer together or farther apart, so that their number will be divisible by twelve.

Doings at the Experiment Stations.

A trial of silage made from apple pomace as food for pigs resulted unsatisfactorily at the Illinois station. The pomace kept well and chemical analysis of it showed an apparently good composition for feeding purposes, but the pigs ate very little of it.

At the Georgia station nitrogen was found to be the most effective element in fertilizers on oats; cotton seed meal was the only substance that paid a good profit. The Fultz made the largest yield of any wheat grown, though the Walker, which is a week earlier, is considered the most trustworthy, one year with another.

At the Illinois station two trials were made, in each of which two pigs were fed soaked corn and two others dry corn, with no other feed. The pigs fed soaked corn ate more and gained more than those fed dry corn. In one trial they gained more and in one less in proportion to food eaten than those fed dry corn. The differences were not great in either case.

The first of a series of experiments with rye grown for green forage in the winter has been reported from the Florida station. The rye was planted broadcast and in drills on three plots on poor, sandy soil, fertilized with manure and commercial fertilizers. On one plot the crop was cut for fodder and on another seven cattle and two colts were pastured. A considerable amount of green forage was easily and cheaply produced during the winter and early spring.

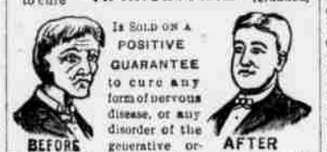
Second Crop Potatoes.

The practice of growing second crop potatoes for seed has long been practiced in the east, and the truck growers in the neighborhood of the large seaboard cities have found out how valuable the product from such seed is. The knowledge and its benefits are spreading to the west. By this method both earliness and better quality of tuber are secured.—Farmers' Review.

Sugar beets are proving to be the best feed for cattle yet raised in Southern California, and as such are paying better returns than any other farm product grown in that section.

The Celebrated French Cure,

Warranted to cure "APHRODITINE" or money refunded.



Is SOLD ON A POSITIVE GUARANTEE to cure any form of nervous disease, or any disorder of the generative organs of either sex whether arising from the excessive use of Stimulants, Tobacco or Opium, or through youthful indiscretion, over indulgence, &c., such as Loss of Brain Power, Wakefulness, Bearing down Pains in the Back, Seminal Weakness, Hysteria, Nervous Prostration Nocturnal Emission, Leucorrhœa, Dizziness, Weak Memory, Loss of Power and Impotency, which if neglected often lead to premature old age and insanity. Price $1.00 a box, 6 boxes for $5.00. Sent by mail on receipt of price.

A WRITTEN GUARANTEE for every $5.00 order, to refund the money if a Permanent cure is not effected. Thousands of testimonials from old and young, of both sexes, permanently cured by APHRODITINE. Circular free. Address

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MRS. GRAHAM'S
Cucumber AND Elder Flower Cream

Is not a cosmetic in the sense in which that term is popularly used, but permanently beautifies. It creates a soft, smooth, clear, velvety skin, and by daily use gradually makes the complexion several shades whiter. It is a constant protection from the effects of sun and wind, and prevents sunburn and freckles and blackheads will never come while you use it. It cleanses the face far better than soap and water, nourishes and builds up the skin tissues and thus prevents the formation of wrinkles. It gives the freshness, clearness and smoothness of skin that you had when a little girl. Every lady, young or old, ought to use it, as it gives a more youthful appearance to any lady, and that permanently. It contains no acid, powder or alkali, and is as harmless as dew, and as nourishing to the skin as dew is to the flower. Price $1.00 at all druggists and hair dressers, or at Mrs. Gervaise Graham's establishment 113 Post Street, San Francisco, where she treats ladies for all blemishes of the face or figure. Ladies at a distance treated by letter. Send stamps for her little book, "How to be Beautiful."

SAMPLE BOTTLE sent free to any lady on receipt of 10 cents in stamps to pay postage and packing. Lady agents wanted.

MRS. GRAHAM'S
Face Bleach

Cures the worst cases of freckles, Sunburn, Sallowness, Moth-patches, Pimples and all skin blemishes. Price $1.50. No sample can be sent. Lady agents wanted.

The Druggist in this town who first orders a bill of my preparation will have his name added to this advertisement. My preparations are for sale by wholesale druggists in Chicago and every city west of it.

PASTOR KOENIG'S NERVE TONIC

WOULD RATHER BE WITHOUT BREAD.

BISHOP'S RESIDENCE, 11 Marquette, Mich., Nov. 7, 1889.

The Rev. J. Koesbiel of above place writes: I have suffered a great deal, and whenever I feel now a nervous attack coming, I take a dose of Pastor Koenig's Nerve Tonic and feel relieved. I think a great deal of it, and would rather be without bread than without the Tonic.

TONAWANDA, ERIE CO., N. Y., Febr. 1889.

My daughter had fits from fright since 12 years, sometimes 3 to 4 attacks within 24 hours without any warning; during these spells her thumbs would be cramped toward the inside of her hands, her mouth be drawn sideways, her neck would swell up, and her face assumed a bluish color; this would last from 10 to 15 minutes; after that she slept; was drowsy for about 2 hours. We tried many remedies without any improvement, but 6 bottles of Pastor Koenig's Nerve Tonic cured her at last. We therefore recommend this remedy to all sufferers. JOHN EDIN.

FREE A Valuable Book on Nervous Diseases sent free to any address, and poor patients can also obtain this medicine free of charge.

This remedy has been prepared by the Reverend Pastor Koenig, of Fort Wayne, Ind., since 1876, and is now prepared under his direction by the

KOENIG MED. CO., Chicago, Ill.

Sold by Druggists at $1 per Bottle. 6 for $5. Large Size, $1.75. 6 Bottles for $9.

Sold in Portland, Oregon, by Snell, Heitshu & Woodard.

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GUM-ELASTIC ROOFING FELT costs only $2.00 per 100 square feet. Makes a good roof for years, and anyone can put it on. Send stamp for sample and full particulars.

GUM ELASTIC ROOFING Co.,
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63-75 Local Agents Wanted.

Hides, Pelts

And Furs wanted. I will pay the highest market prices for anything in this line. Give me a call before selling elsewhere, as I know I can do better by you than any other firm in Heppner.

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Office at Sargent & Driskell's Feed yard.

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Garden Seeds!

Have been used all over the Pacific Northwest for the past 18 years. None better. Few so good.

Garden, Flower and Grass Seeds.

Fresh! Pure! Acclimated! Catalogue free. Address, GEO. STARRETT, Walla Walla, Wash. 462-75

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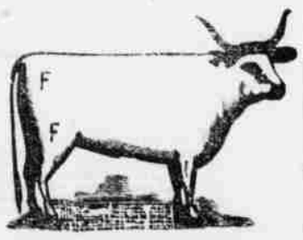

STOCKRAISER!

HEPPNER, OREGON.

Cattle branded and ear marked as shown above. Horses F on right shoulder.

My cattle range in Morrow and Umatilla counties. I will pay $100.00 for the arrest and conviction of any person stealing my stock.

PILES "ANAKESIS" gives instant relief and is an infallible Cure for Piles. Price $1. By Druggists or mail. Samples Free. Address "ANAKESIS," Box 922, New York City.

O. K. T.—Honest Results.—O. K. T.

Many of the pioneers of Oregon and Washington have cheerfully testified to the wonderful curative properties of the celebrated Oregon Kidney Tea. Purely vegetable and pleasant to the taste and can be taken by the youngest child or most delicate woman. O. K. T. is a never failing remedy for pains in the back and loins, non-retention of urine, scalding or burning sensation while urinating, mucous discharges and all kidney troubles of either sex. $1 at all druggists.

A Proposition.

If you will pay your subscription to the Gazette *in full and one year in advance*, we will send you the following books at prices stated herewith: "Six Great Books for Rural Homes," 25 cents; "Famous Fiction by the World's Greatest Authors," ten volumes, 50 cents; Cooper's "Leatherstocking Tales," 20 cents.

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At Abrahamsick's. In addition to his tailoring business, he has added a fine line of underwear of all kinds, negligee shirts, hosiery, etc. Also has on hand some elegant patterns for suits. A. Abrahamsick, May street, Heppner, Or

LEGAL BLANKS.—A COMPLETE ASSORTment at the Gazette office.

STOCK BRANDS.

While you keep your subscription paid up you can keep your brand in free of charge.

Allyn, T. J., Ione, Or. Horses GG on left shoulder; cattle same on left hip, under bit on right ear, and upper bit on the left; range, Morrow county.

Armstrong, J. C., Alpine, Or.—T with bar under it on left shoulder of horses; cattle same on left hip.

Allison, O. D., Eight Mile, Or.—Cattle brand, O D on left hip and horses same brand on right shoulder. Range, Eight Mile.

Adkins, T C, Dayville, Or—Straight mark across the thigh and two crops and a slit in the right ear; horses, J upside down on the right shoulder. Range in Grant county and Bear valley. P O address also at Hardman.

Adkins, J. J., Heppner, Or.—Horses, JA connected on left flank; cattle, same on left hip.

Ayers, Johnny, Lena, Or.—Horses branded triangle on left hip; cattle same on right hip; also crop off right ear and upper bit on same.

Blyth, Percy H., Heppner, Or.—Horses Roman cross on right shoulder. Range in Morrow county.

Bleakman, Geo., Hardman, Or.—Horses, a flag on left shoulder; cattle, same on right shoulder.

Bannister, J. W., Hardman, Or.—Cattle branded B on left hip and thigh; split in each ear.

Burke, M St C, Long Creek, Or.—On cattle, MAY connected on left hip, crop off left ear, under half crop off right. Horses, same brand on left shoulder. Range in Grant and Morrow county.

Bowsman, A., Mount Vernon and Burns, Or.—Cattle, A B on right hip, two crops in each ear; same on horses, on right shoulder. Range in Grant and Harney counties.

Brosman, Jerry, Lena, Or.—Horses branded 7 on right shoulder; cattle B on the left side. Left ear half crop and right ear upper slope.

Barton, Wm., Heppner, Or.—Horses, J B on right thigh; cattle, same on right hip; split in each ear.

Brown, Isa, Lexington, Or. Horses IB on the right stifle; cattle same on right hip; range, Morrow county.

Brown, J. P., Heppner, Or.—Horses and cattle branded S with ox-yoke above on left shoulder.

Brown, J. C., Heppner, Or.—Horses, circle C with dot in center on left hip; cattle, same.

Boyer, W. G., Heppner, Or.—Horses, box brand on right hip cattle, same, with split in each ear.

Borg, P. O., Heppner, Or.—Horses, P B on left shoulder; cattle, same on left hip.

Brownlee, W. J., Fox, Or—Cattle, JB connected on left side; crop on left ear and two splits and middle piece cut out on right ear; on horses same brand on the left thigh; Range in Fox valley, Grant county.

Cain, E., Caleb, Or.—Y D on horses on left stifle; U with quarter circle over it, on left shoulder, and on left stifle on all colts under 5 years; on left shoulder only on all horses over 5 years. All range in Grant county.

Clark, Wm. H., Lena, Or.—Horses WHC connected, on left shoulder; cattle same on right hip. Range Morrow and Umatilla counties.

Cate, Chas. R., Vinson or Lena, Or. Horses H C on right shoulder; cattle same on right hip. Range Morrow and Umatilla counties.

Cochran, Chas., Ione, Or.—Horses, HP connected on left shoulder; cattle, C on both left hip and stifle. Range in Morrow county.

Cannon, T. B., Long Creek, Or.—T on cattle on right side, crop off right ear and slit in left ear. Our horses same brand on left shoulder. Range in Grant county.

Cecil, Wm., Douglas, Or.: horses J C on left shoulder; cattle same on left hip, waddles on each jaw and two bits in the right ear.

Curl, T. H., John Day, Or.—Double cross on each hip on cattle, swallow fork and under bit in right ear, split in left ear. Range in Grant county. On sheep, inverted A and spear point on shoulder. Ear marks ewes, crop on left ear, punched upper bit in right. Wethers, crop in right and under half crop in left ear. All range in Grant county.

Crosby, A. A., Heppner, Or.—Cattle branded 7-L (or H L) connected on the right shoulder.

Cook, A. J., Lena, Or.—Horses, 90 on right shoulder. Cattle, same on right hip; ear mark square crop off left and split in right.

Currin, R. Y., Currinsville, Or. -Horses, ∞ on left stifle.

Cochran, J H Monument, Or—Horses branded T I & A on left shoulder. Cattle, same on right hip, swallow fork in right ear and crop off left.

Cox & English, Hardman, Or.—Cattle, C with T in center; horses, CE on left hip.

Cupper, H. A., Monument, Or.—Horses H C on left shoulder cattle H C on left side, swallow fork on right ear.

Cochran, R. E., Monument, Grant Co., Or.—Horses branded circle with bar beneath, on left shoulder; cattle same brand on both hips, mark under slope both ears and dewlap.

Chapin, H., Hardman, Or.—Horses branded 2 on right hip. Cattle branded the same.

Cross, S L, Dayville, Or—Cattle branded + two crops and a split in left ear; on horses a reversed Z on left stifle. Also have the following brands on cattle: 72 on left hip, 7 on right hip, 72 on left shoulder, two parallel bars on left shoulder. Ear marks, two crops.

Doonan, Wm., Heppner, Or.—Horses branded OO with bar over them, on left shoulder; cattle same on left hip.

Douglas, W. M., Galloway, Or.—Cattle, R D on right side, swallow-fork in each ear; horses, R D on left hip.

Douglas, O. T., Douglas, Or—Horses TD on the right stifle; cattle same on right hip.

Duncan, W. P., John Day, Or.—Quarter circle W on right shoulder, both on horses and cattle. Range Grant county.

Driskell, W. E., Heppner, Or.—Horses branded K inside of O on left shoulder. Cattle same on left side of neck.

Ely, J. B. & Sons, Douglas, Or.—Horses branded ELY on left shoulder, cattle same on left hip, hole in right ear.

Fisk, Ralph, Prairie City, Or—Horses, R F on right shoulder; cattle, on right hip. Range in Grant county.

Fleek, Jackson, Heppner, Or.—Horses, 7F connected on right shoulder; cattle same on right hip. Ear mark, hole in right and crop off left.

Florence, L. A., Heppner, Or.—Cattle, LF on right hip; horses F with bar under on right shoulder.

Florence, S. P. Heppner, Or.—Horses, F on right shoulder; cattle, F on right hip or thigh.

Gay, Henry, Heppner, Or.—GAY on left shoulder.

Goble, Frank, Heppner, Or.—Horses, 7 F on left stifle; cattle, same on right hip.

Gilman-French, Land and Live Stock Co., Fossil, Or.—Horses, anchor S on left shoulder; vent, same on left stifle. Cattle, same on both hips; ear marks, crop off right ear and underbit in left. Range in Gilliam, Grant, Crook and Morrow counties.

Gentry, Elmer, Echo, Or.—Horses branded H. S. with a quarter circle over it, on left stifle. Range in Morrow and Umatilla counties.

Giltwater, J. C., Prairie City, Or.—On horses, O—O on left shoulder and stifle; cattle, on right side. Range in Grant county.

Hams, James, Hardman Or.—Horses shaded 2 on left shoulder; cattle same on left hip. Range in and about Hardman.

Hayes, Geo., Lena, Or, Brand JH connected, with quarter circle over it, on left shoulder.

Hiatt A. B., Ridge, Or.—Cattle, round-top A with quarter circle under it on the right hip. Range in Morrow and Umatilla counties.

Hinton & Jenks, Hamilton, Or—Cattle, two bars on either hip; crop in right ear and split in left. Horses, J on right thigh. Range in Grant county.

Hughes, Samuel, Wagner, Or—T F L on right shoulder on horses; on cattle, on right hip and on left side, swallow fork in right ear and slit in left. Range in Haystack district, Morrow county.

Hall, Edwin, John Day, Or.—Cattle E H on right hip; horses same on right shoulder. Range in Grant county.

Hughes, Mat, Heppner, Or.—Horses, shaded heart on the left shoulder. Range Morrow Co.

Hunsaker, H J, Wagner, Or.—Horses, 9 on left shoulder; cattle, 9 on left hip.

Hardisty, Albert, Nye, Oregon—Horses, AH connected on left shoulder; Cattle on the left hip, crop off left ear.

Humphreys, J M, Hardman, Or.—Horses, H on left flank.

Hiatt, Wm. E., Ridge, Or.—Horses branded bar cross on left shoulder; cattle same on left hip.

Hayes, J. M., Heppner, Or.—Horses, wineglass on left shoulder cattle, same on right hip.

Ivy, Alfred, Long Creek, Or—Cattle I D on right hip, crop off left ear and bit in right. Horses same brand on left shoulder. Range in Grant county.

Huston, Luther, Eight Mile, Or.—Horse H on the left shoulder and heart on the left stifle. Cattle same on left hip. Range in Morrow county.

Jenkins, D. W., Mt. Vernon, Or.—J on horses on left shoulder; on cattle, J on left hip and two smooth crops on both ears. Range in Fox and Bear valleys.

Junkin, S. M., Heppner, Or.—Horses, horseshoe J on left shoulder. Cattle, the same. Range on Eight Mile.

Johnson, Felix, Lena, Or.—Horses, circle T on left stifle; cattle, same on right hip, under half crop in right and split in left ear.

Keeny, Mike, Heppner, Or.—Horses branded KNY on left hip cattle same and crop off left ear; under slope on the right.

Keller, Richard, Blanton, Grant county, Or.—E K in square, cattle on left hip; horses same on left shoulder. Range Bear valley.

Kirk, J. T., Heppner, Or.—Horses 69 on left shoulder; cattle, 69 on left hip.

Kirk, J C, Heppner, Or.—Horses, 17 on either flank; cattle 17 on right side.

Kumberland, W. G., Mount Vernon, Or.—I L on cattle on right and left sides, swallow fork in left ear and under crop in right ear. Horses same brand on left shoulder. Range in Grant county.

Keeney, Eli, Heppner, Or.—Horses J L and ace of clubs on left stifle. Range in Umatilla and Morrow counties.

Leahy, M C, Monument, Or—A triangle Z with all lines extending past body of figure on horses on left shoulder, on cattle diamond on left shoulder, split in right and swallow fork in left ear. Range in Grant county and on forks of John Day.

Leahy, J W, Heppner Or.—Horses branded L N on left shoulder; cattle same on left hip; wattle over right eye, three slits in right ear.

Lofton, Stephen, Lox, Or.—S L on left hip on cattle, crop and split on right ear. Horses same brand on left shoulder. Range Grant county.

Lieuallen, John W., Lexington, Or.—Horses branded half-circle J L connected on left shoulder. Cattle, same on left hip. Range, near Lexington.

Lord, George, Heppner, Or.—Horses branded double H connected. Sometimes called a swing H, on left shoulder.

Maxwell, M. S., Gooseberry, Or.—Horses branded long link on left shoulder; cattle, same on left hip. Ear mark, under bit in left ear.

Minor, Oscar, Heppner Or.—Cattle, M D on right hip; horse, M on left shoulder.

Morgan, S. N., Heppner, Or.—Horses, M) on left shoulder cattle, same on left hip.

McCumber, Jas A, Echo, Or.—Horses, M with bar over on right shoulder.

Mast, H. H., Lena, Or.—Horses 69 on left shoulder; cattle, 69 on left hip.

Morgan, Thos., Heppner, Or.—Horses, circle T on left shoulder and left thigh; cattle, Z on right thigh.

Mitchell, Oscar, Lone, Or.—Horses, 77 on right hip; cattle, 77 on right side.

McClaren, D. G., Brownsville, Or.—Horses, Figure 5 on each shoulder, cattle, M2 on hip.

McKern, W. J. Mount Vernon, Or—XI on cattle on right hip, crop in right ear, half crop in left same brand on horses on left hip. Range in Grant county.

McCarty, David H., Echo, Or. Horses branded DM connected, on the left shoulder; cattle same on hip and side.

McGirr, Frank, Fox Valley, Or.—Mule shoe with toe-cork on cattle on ribs and under in each ear; horses same brand on left stifle.

McHaley, G. Y., Hamilton, Or.—On Horses, S with half circle under on left shoulder; on Cattle, four bars connected on top on the right side. Range in Grant County.

Neal, Andrew, Lone Rock, Or.—Horses A N connected on left shoulder; cattle same on both hips.

Newman, W. H., Heppner, Or.—Horses N with half circle over it on left shoulder.

Nordyke, E., Silverton, Or.—Horses, circle 7 on left thigh; cattle, same on left hip.

Oliver, Joseph, Canyon City, Or.—A 2 on cattle on left hip; on horses, same on left thigh. Range in Grant county.

Oller, Perry, Lexington, Or.—P O on left shoulder.

Olp, Herman, Prairie City, Or.—On cattle, O LP connected on left hip; horses on left stifle and wattle on nose. Range in Grant county.

Pearson, Olave, Eight Mile, Or.—Horses, quarter circle shield on left shoulder and 24 on left hip. Cattle, fork in left ear, right cropped. 24 on left hip. Range on Eight Mile.

Parker & Gleason, Hardman, Or.—Horses IP on left shoulder.

Piper, J. H., Lexington, Or.—Horses, JE connected on left shoulder; cattle, same on left hip, under bit in each ear.

Patberg, Henry Lexington, Or.—Horses branded with a Roman cross on left shoulder; cattle branded with Roman cross, bar at bottom, on left hip.

Potter, Dan, Lexington—Horses branded MP connected on left shoulder; cattle same on right hip.

Powell, John T., Dayville, Or—Horses, JP connected on left shoulder. Cattle, OK connected on left hip, two under half crops, one on each ear, wattle under throat. Range in Grant county.

Rickard, G. D., Canyon City, Or.—F C on left shoulder, on horses only. Range Canyon creek and Bear valley, Grant county.

Reed, Andrew, Hardman, Or.—Horses, square cross with quarter-circle over it on left stifle.

Reninger, Chris, Heppner, Or.—Horses, C R on left shoulder.

Rice, Dan, Hardman, Or.; horses, three panel worm fence on left shoulder; cattle, D A N on right shoulder. Range near Hardman.

Rodie, Wm, Long Creek, Or.—Brands horses R on right shoulder. Range Grant and Morrow counties.

Royse, Aaron, Heppner, Or—Horses, plain V on left shoulder; cattle, same brand reversed on right hip and crop off right ear. Range in Morrow county.

Rush Bros., Heppner, Or.—Horses branded X on the right shoulder; cattle, IX on the left hip crop off left ear and dewlap on neck. Range in Morrow and adjoining counties.

Rost, William, Pendleton, Or.—Horses R on left shoulder; cattle, R on left hip, crop off right ear, underbit on left ear. Sheep, R on weathers, round crop off high ear. Range Umatilla and Morrow counties.

Reaney, Andrew, Lexington, Or.—Horses branded A R on right shoulder, vent quarter circle over brand; cattle same on right hip. Range Morrow county.

Royse, Wm. H, Dairyville, Or—HR connected with quarter circle over top on cattle on right hip and crop off right ear and split in left. Horses same brand on left shoulder. Range in Morrow Grant and Gilliam counties.

Ritter, J F, Ritter, Or—Three parallel bars with bar over on horses on left hip; on cattle, left side, two smooth crops, two splits in each ear. Range in Middle Fork of John Day.

Rector, J. W., Heppner, Or.—Horses, JC on left shoulder. Cattle, O on right hip.

Spray, J. F., Heppner, Or.—Horses branded ZZ connected on right shoulder; cattle same on both hips.

Sailing, C C Heppner, Or—Horses branded S A on left shoulder; cattle same on left hip.

Swaggart, H. F., Lexington, Or.—Horses 2 with dash under it on left stifle cattle H with dash under it on right hip, crop off right ear and swallow on right hind leg. Range in Morrow, Gilliam and Umatilla counties.

Swaggart, A. L., Elis, Or.—Horses branded 2 on left shoulder; cattle same on left hip. Crop on ear, wattle on left hind leg.

Straight W. E., Heppner, Or.—Horses shaded J S on left stifle; cattle J S on left hip, swallow fork in right ear, underbit in left.

Swaggart, L., Alpine, Or.—Horses