Roofing

GUN 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.

GUN ELASTIC ROOFING CO.,
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63-75 Local Agents Wanted.

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Its wearing qualities are unsurpassed, actually outlasting two boxes of any other brand. Not effected by heat. IF GET THE GENUINE.

FOR SALE BY DEALERS GENERALLY. 1yr

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WE HAVE FOR SALE ALL KINDS OF UNdressed Lumber, 10 miles of Heppner, at what is known as the

SCOTT SAWMILL.

PER 1,000 FEET, ROUGH, - - - $10 00
" " " CLEAR, - - - 17 50

IF DELIVERED IN HEPPNER, WILL ADD $5.00 per 1,000 feet, additional.

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Perhaps You Don't Know Us,

BUT SURELY YOU KNOW OF OUR REMEDIES.

We extend an invitation to call and see free tests at our Clinic, "Arcade Chambers." Hours 1 to 4 P. M. Lady Attendants.

We fill mail orders same day received (securely sealed, postpaid). If not as represented we will refund your money.

'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, $1.00

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. F. Hesse, M. D., 484 Freeman Ave.

Remit by P. O. Order, Registered Letter, or Draft to home office, and mention this paper.

QUEEN TOILET CO. 174 RACE ST., CINCINNATI, O. (Local Agents Wanted.)

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No. 2, Cushion Tires, $95.00
No. 3, Ladies' Solid Tires, $85.00
OUR Cushion Tires ARE Warranted ALL PARTS Interchangeable. $85.00
No. 3 C, Ladies' Cushion Tires, $95.00
No. 4, Convertible Solid Tires, $85.00
No. 4, C, " Cushion Tires, $95.00
No better machine made at any price.
Bicycle Catalogue Free.
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MANUFACTURERS BOSTON, MASS.
Send six cents in stamps for our 100 page Illustrated Catalogue of Guns, Rifles, Revolvers, Sporting Goods of all kinds, etc.

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FULL LEATHER TOP A GRADE BUGGY, ELLIPTIC BREWSTER SPRINGS, PIANO BOX WHITE CHAPEL BODY, PRICE $100.00
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CINCINNATI BUSMILLER ST. OHIO.

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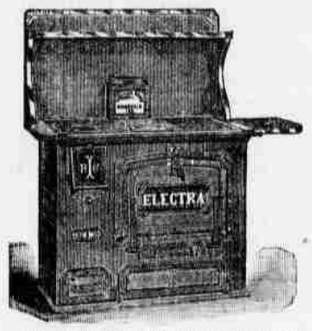

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Largest circulation of any scientific paper in the world. Splendidly illustrated. No intelligent man should be without it. Weekly, $3.00 a year; $1.50 six months. Address MUNN & CO., PUBLISHERS, 361 Broadway, New York.

The Pittsburgh Lamp is one of those inventions that seems to be finished. It seems to reach the end as to goodness of light in every way, and ease of management. The only care it requires is filling and wiping.

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.

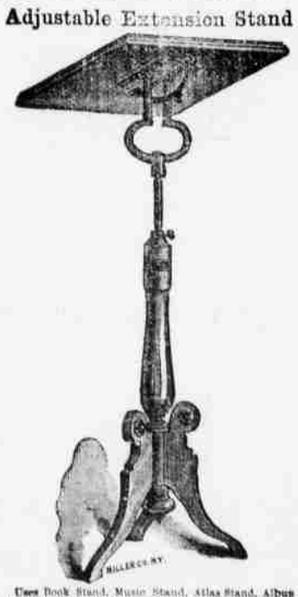
Pittsburgh, Pa. PITTSBURGH BRASS CO.

STANDARD FOR ¼ CENTURY

TWIN BROTHERS DRY HOP YEAST 5CT THE QUICK RISER FOR LIGHT BREAD

WATERLOO YEAST CO. DETROIT MICH.

Adjustable Extension Stand



Uses Book Stand, Music Stand, Atlas Stand, Album Stand, Bible Stand, Flower Stand, also Lamp, Lecture Parlor, Library, Office, Dictionary and Checker Stand and Easel. Hard wood, rubbed finish, height 34 inches. Height extended, 56 inches. Weight 12 lbs., size of top 14 x 18; shipped K. D. Price, $5. KEELER & CO., Furniture Manufrs, 31-41 Washington St., Boston, Mass.

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BEST STEEL WIRE — WIRE ROPE SELVAGE — GALVANIZED — McMULLEN'S

ACKNOWLEDGED THE BEST for Lawns, Gardens, Farms, Ranches and Railroads. PRICES REDUCED. Sold by dealers. FREIGHT PAID. McMULLEN'S POULTRY NETTING, New Thing! No sagging! No bagging! Extra Heavy Selvage. The McMullen Woven Wire Fence Co., Chicago, Ill.

THE APPLE ORCHARD.

THIRD PAPER ON HOW TO TAKE CARE OF IT.

Parasitic Fungus Growths and Remedies Recommended—Some Washes and Sprays—How to Compound and Apply Them.

Another source of loss to the grower of apples, pears and quinces is the parasitic fungi which grow on the leaves, fruit and twigs, destroying their functions. The leaves are the lungs and stomach of the tree where all growth or nutriment is prepared. Without good leaves there can be neither good trees nor fruit. And fruit all scabbed and discolored is of little value. Experimentation has disclosed specific poisons or preventives for all of these scabs, mildews, rusts, etc., on foliage and fruits. There are poisons which either kill these spores (seeds) or prevent their germination and these may be added to either the Paris green or London purple solutions and then used as a spray. What is still better, these rust, scab and mildew poisons make it much safer to use the arsenical poisons. A resin soap or flour paste may be added to cause the mixed solution to stick to the foliage much longer. I first recommended this treatment in The American Garden five years ago and was laughed at by all the wise people. Now it has the indorsement of nearly every experiment station in the country. In this way we destroy the codling moth and all other insects that feed by gnawing on foliage and fruit. It prevents all scabs, rusts, moth patches, mildews and spots on foliage, twigs and fruit. It poisons all caterpillars and parasitic life. It keeps trees in the same perfection they were in pioneer days before any of these pests had reached this Coast. The apple grown in this way will bring as much or more per tree and per acre as the orange and the work and care is considerably less.

For the prevention of scabs, rusts, etc., first spray with the lime, sulphur and salt compound, or if you do not wish to prepare it use the IXL wash, which is claimed to be the same thing. It is prepared as follows: Unslacked lime, 40 pounds; flour of sulphur, 20 do; stock salt, 15 do; water, 60 gallons. Put 10 pounds of the lime and sulphur in a boiler, add 20 gallons of water and boil for 90 minutes or longer—until the lime and sulphur are completely dissolved, when the liquor will be a clear amber color. Next place in a cask the remaining thirty pounds of lime and pour over it sufficient boiling water to slake it and while boiling add the 15 pounds of salt. When it is dissolved add to the solution in the boiler enough water to make the whole 60 gallons.

Spray every part of the tree. This is for a winter spray only. It cleanses the tree from rough bark scales, insect eggs, mosses and lichens, scale bugs and the spores of summer diseases. It should be applied before the buds open. It is poisonous to flowers and foliage. It should be used fresh. It is an unstable compound, constantly undergoing chemical changes. It may be one thing one week and a very different one the next.

For a spring and summer spray to poison the larva of the codling moth, caterpillars, beetles, etc., that feed on the leaves and to prevent the brown or black apple scab on the leaves, cracking of the fruit and all rusts, scabs, spots, etc., make the following solution: To 100 gallons of water add one pound of best Paris green, London purple or finely powdered white arsenic. The two first are commonly used simply because they have color. They cost about four times as much as the arsenic.

Then dissolve 16 pounds of copper sulphate (blue vitriol or blue stone) by boiling in four or more gallons of water. Slack 16 pounds of the best quick lime with sufficient water to cover it. Then mix the two slowly, stirring constantly while hot. Then mix this solution with the 200 gallons of water and poison. In practice the lime and bluestone compound may be made first, then adding water enough with the poison to make 200 gallons. This is the one great summer spray for all fruit trees. It is best not to spray any trees after the first of August nor any early fruits later than three or four weeks before ripening.

For spraying the peach for leaf curl, the apricot for shot pole fungus and cracking, and roses and gooseberries for rusts, spots, etc., the poison may be left out. It protects the trees from about all their enemies, except such insects as take their food by piercing with their beaks and suckers, such as leaf and twig lice, vine bugs, scale bugs, wooly aphis, etc. The office of the lime is to prevent the poisons and blue stone from injuring the foliage. There is nothing against adding to the whole compound one of the heavy resin and whale oil soap washes.

Here is another good spray: Twenty pounds of (98 per cent.) caustic soda, 20 pounds of potash, 80 pounds of tallow and 80 pounds of resin. First dissolve the soda and potash in 20 gallons of boiling water. Heat the resin and tallow together. When liquid add to the potash and soda, stirring thoroughly 10 minutes. While stirring add water, the copper sulphate solution and the poison until the whole makes 200 gallons, or proportionately for any quantity wanted. This is a solution that with due care will not injure the tree and will free them from nearly all pests except borers, wooly aphis and sour sap, and it will make life rather unpleasant for them.

D. B. WIER.

To Prevent Rabbits Injuring Fruit Trees.

G. A. Hanson of Chino valley is effectually preventing the destruction of his fruit trees by rabbits by the application of a wash composed of aloes and the extract of the leaves of the eucalyptus and the pepper tree. The leaves, about a two quart measure full, are grated with an ordinary grater; to this add one pound of aloes, and then pour two quarts of boiling water over the mixture. Apply with a brush to the base of the tree.—Fruit Grower.

The Mistletoe.

The mistletoe is a parasitic bush, rooting in the woody tissues of various species of trees on which they flourish, and are very common in the Coast counties. Our most plentiful species is Phoradendron flavescens. It blooms in July with a greenish-white, very fragrant bloom. Other species may be found in bloom nearly every day in the year. The berries are greenish-white translucent, with two seeds covered with an exceeding sticky jelly-like bird lime. This jelly sticks the seeds to the feet of birds and squirrels, and thus are carried from tree to tree and planted on new branches. There is much folk lore about the mistletoe. The oak on which one grew was regarded as a most sacred tree by the ancient Druids of England, and to this day it is held in great reverence in many parts by the masses. The plants command a big price for Christmas decoration.

The San Jose Scale Bug.

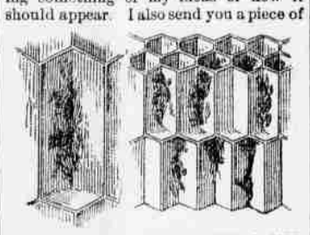
This pernicious bug seems to have reached its Waterloo in the older settled portions of California. In neighborhoods where they covered the trees in millions last winter, this winter it is hard to find a live one. A large percentage of them were eaten up by the ladybugs in autumn. This can be determined by seeing thousands of the red spots they make on the twigs now carrying no scale. Nearly every last one of the remainder have been destroyed by an internal parasite, as can be determined by crushing the scale with the point of a knife. If no juice oozes out the scale is dead. Therefore where such facts are determined no winter spraying should be done. Even if examination showed only one scale in a hundred parasitised, no spraying should be done, for if you spray you will surely kill all the parasites. If the parasites are not killed they will surely make way with the scale more thoroughly than can any spray.

FOUL BROOD.

Illustrated Directions for Finding Out if the Combs Have Had It.

To be able to recognize promptly the combs that have once had the disease known as foul brood is an important matter indeed to the apiarian. To assist in this decision we here give a reprint of a sketch sent by a Michigan beekeeper to Gleanings in Bee Culture, with this letter:

"I send you a rough pencil sketch, giving something of my ideas of how it should appear. I also send you a piece of



ENLARGED CELL—CELLS NATURAL SIZE.

comb containing the diseased and dried up larvæ. To see the dead larvæ to the best advantage stand with your face toward the point of the compass where the sun is and hold the comb down in front of you, with what was the lower edge away from you, so that the sun lights up the upper side, and so that your sight strikes across it at an angle of 30 or 40 degs. This will make the presence of the disease very evident."

Following are comments made editorially on the foregoing letter by Mr. Root:

In a former article Mr. Taylor said "The dead brood is entirely dried up—mere scales, almost the color of the comb itself, lying fast to the lower sides of the cell and drawn back more or less from the opening." In the sample of comb sent there seemed to be a sort of residue a little darker in color than the comb itself, lying fast to the lower sides, as explained. It is, perhaps, exaggerated a little bit in the engraving, but the purpose is to show about how it lies on the bottom sides of the cells, or what are the bottom sides when in the hive. It seems these scales are nothing but maturated masses of foul brood dried up, and which the bees are loath to clean up.

CROSS POLLINATION.

Our Horticultural Editor Gives His Observations.

The pollination of the flowers of one fruit tree by the pollen of another growing near by will sometimes change the appearance and quality of the fruit resulting from such cross pollinated flowers the same season, though as a rule such cross pollination only shows in the seedlings grown from the resulting seed. I have seen hundreds of instances where plainly to be seen changes showed positive proof in the resulting fruit. Nearly every farmer knows that if he plants little blue popcorn among his field corn that he will find blue grains on the ears of the field corn, often rods away. It is rare to find mixed grains in the ears growing on the popcorn stalks. This shows the pre-potency of the popcorn variety. But if sweet corn is planted among the field corn, and especially of the late blooming Stowell's Evergreen variety, both kinds will be completely mixed up. In such experiments it is of course necessary that the two varieties should be in bloom at the same time. The same phenomena may be seen in beans, peas, pumpkins and many other plants.

Cross pollination in apples changing the fruit the first season is not rare. In the northern wild plum species of this continent such is the rule and not the exception. A variety of these plums when pollinated by a certain variety (for as a rule they are not fertile with their own pollen or in other words must have pollen from another variety to produce fruit) may be quite small and worthless. But when pollinated by some other variety or species of the same genus will produce very large and fine fruit.

Some varieties and species of citrus fruits are greatly changed by cross pollination. Oranges often show changes from this cause, generally to their improvement. The celebrated Washington Navel often gives the qualifying navel mark to the fruits on seedling trees fruiting near them and better their quality. Yet it is said the Washington Navel matures no good pollen. The United States pomologist, Professor Van Demen, has so placed himself on record. In this he certainly must be mistaken. My studies of the flowers of this variety (which have not been as full as I would have liked) shows that it has a most wonderful manner of blooming. In fact its blooming may be called monoecious or nearly so. First it blooms regularly with abortive pistils and then some time after blooms again in the same receptacle or the same flower with inconspicuous flowers, giving anthers with a certain amount of good pollen, and in the second partial blooming rudimentary pistils, which develop a partial fruit in the apex of the fruit forming from the first blooming. This secondary fruit rarely produces seeds. This is as I have found it.

The most practical thing in this line of cross pollination in citrus fruits that has come up is thought is to have been found among the lemons in Florida. The smooth skinned lemons like the Early Oblong are saleable at top prices. While those with rough, thick skins are at a discount. Rev. Lyman Phelps, an extensive lemon grower, has found that where the rough and smooth skins were growing in a mixed grove that all the trees bore rough skinned fruit. He considers that he loses at least $1,500 each year from the pre-potency of the pollen of the rough over that of the smooth skinned. These facts were pointedly contradicted by others and particularly by Professor Van Deman, who said:

"No single grain of pollen has ever been found in the blossom of the Washington Navel orange, even with the help of the microscope." Look again, professor, at the right time and you will not only find single grains but married ones with large families. There will always be many disputed points in this line for the reason that there are so few careful observers.

Best Size for Sections.

A subject up for discussion at the last meeting of the North American Beekeepers' association was the best size for sections. Previous to the discussion a paper by Dr. Miller, of Illinois, was read. In this the doctor said: "For buying at wholesale a standard size is better. Ease of production will lead to less cost. If you consult the profit of the manufacturer, part of that will come back to you. Two sizes seem best, 4¼ by 4¼ is generally popular, but in width we run from two inches down. Grocers wish one pound packages to resell without weighing. Should be 1⅞ inches, possibly 1¾."

Mr. E. R. Root, of Ohio, quoted sizes given by manufacturers. One firm made six to eight sizes, chiefly 4¼ by 4¼ and 5 by 5¼; odd sections cost more. Another firm makes largely of 4⅛ by 4½—seven to the foot and over one pound. The standard seems to be 4¼ by 4¼, and 1⅞ inches thick, or 1 15-16, and less than one pound.

A member from Albany, said: "The thinnest section sells best early in the season. The farmer tops his apples and sells his cow standing on a knoll; there is no reason why the beekeeper should not put his honey in the most salable shape—that which shows most for the money. Make your sections as thin as you can, as small as you can, as much less than a pound as you can. An oblong shape is more pleasing and looks larger than the square."

Lands That Lie Fallow.

The Massachusetts state board of agriculture reports the abandoned farms of that state to be 906.

The Vermont state board of agriculture reports the number of abandoned farms last spring as 406, many of which have been taken up since then. But all the abandoned farms do not lie in the New England states. In a report issued by the Virginia board of agriculture it is stated that there are in that state alone 15,000,000 acres of land suitable for farming purposes that are not tilled and which are a burden to their owners. According to this same report, much of this land is for sale at low prices. Virginia is not the only southern state that affords in abandoned farms possibilities to the would be farmers with small capital. North Carolina and other states as far west as Arkansas have farms that are left to lie fallow by their owners.

In the five states of Alabama, Arkansas, Florida, Louisiana and Mississippi there are nearly 12,000,000 acres of land belonging to the United States and subject to entry under the homestead law.

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 105 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. Lody 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.

NOTICE OF INTENTION.

Land Office at La Grande, Or., March 3, 1892.

Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the County Clerk of Morrow county, at Heppner, Or., on April 16, 1892, viz:

CHARLES H. MANN,

Hd. No. 4839 for the S½ NW¼ Sec 4 and SE¼ NE¼ and lot 1 Sec 5, Tp 3 S, R 29 E, W. M.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz:

Nelson Jones, of Heppner, Oregon, Jerry Brosnan, A. J. Cook, H. Tibbett, of Lena, Oregon.

A. CLEAVER, Register.

69-79.

Frank H. Snow, Commissioner U. S. Circuit Court at Lexington, Or., is authorized to receive fees for publication of final proofs. 414 tf.

PASTOR KOENIG'S NERVE TONIC

WOULD RATHER BE WITHOUT BREAD.

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

The Rev. J. Kossbiel 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 EOIN.

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.

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.

W. W. SMEAD.

Office at Sargent & Driskell's Feed yard.

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.

43-tf. THE PATTERSON PUB. CO.

Where?

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, P 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 JC 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 marked ewes, crop on left ear, pouched 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— (or H L connected) on the right shoulder.

Cook, A. J., Lena, Or.—Horses, 99 on right shoulder. Cattle, same on right hip; ear mark square crop off left and split in right.

Currin, R. Y., Currinsville, Or. Horses, 22 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 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, R., Hardman, Or.—Horses branded 7 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 OD with bar over them, on left shoulder; cattle same on left hip.

Douglass, 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. F., 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. R. & 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, B. F., 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.

Kenny, 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.

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

Leahey, 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, Lena, 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 J on left shoulder; cattle, same on left hip.

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

Mann, H. B., Lena, Or.—Horses—old mares ZZ on right hip; young stock, small zz on left shoulder.

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

Mitchell, Oscar, Ione, 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—X I 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 D M 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. V., 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. R., 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 wartle 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, J P 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