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

Baird, D. W. and son.—Horses branded D B on the left hip; cattle the same on left flank, crop off right ear, undercrop in the left. Range in Morrow County.

Bartholamew, A. G., Alpine, Or.—Horses branded 7 E on either shoulder. Range in Morrow county.

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

Brenner, Peter, Gooseberry Oregon—Horses branded P B on left shoulder. Cattle same on right side.

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.

Broseman, 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 JB on the right stifle; cattle same on right hip; range, Morrow county.

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

Brown, W. J., Lena, Oregon. Horses W bar over it, on the left shoulder. Cattle same on left hip.

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.

Carsner Warren, Wagner, Or.—Horses branded O on right stifle; cattle ☰ (three bars) on right ribs, crop and split in each ear. Range in Grant and Morrow counties.

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.

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

Corrigall, M M, Galloway, Or—Cattle crop out of each ear and underbit, wattle in forehead; horses half circle C on left stifle. Range Morrow and Umatilla counties.

Carl, 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 markon 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.

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., Carrinsville, Or. -Horses, ∞ on left stifle.

Cox Ed. S., Hardman, Or.—Cattle, C with E in center; horses, CE on left hip.

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 ⊃ on right hip. Cattle branded the same. Also brands CI on horses right thigh; cattle same brand on right shoulder, and cut off end of right ear.

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

Ely, Bros., Douglas, Or.—Horses branded ELY on left shoulder, cattle same on lefthip. hole in right ear.

Emery, C. S., Hardman, Or.—Horses branded ☾ [reversed C with tail] on left shoulder; cattle same on right hip. Range in Morrow county.

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.

French, George, Heppner, Or.—Cattle branded WF, with bar over it, on left side; crop off left ear. Horses, same brand on left hip.

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

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—⊥F (T F L connected) 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.

Hale, Milton, Wagner, Or.—Horses branded -O- (cattle with parallel tails) on left shoulder Cattle same on left hip also large circle on left side.

Howard J L, Galloway, Or.—Horses ⊥ (cross with bar above it) on right shoulder; cattle same on left side. Range in Morrow and Umatilla counties.

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, R A, Wagner Or.—Horses, 9 on left shoulder; cattle, 9 on left hip.

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

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.

Jones, Harry, Heppner, Or.—Horses branded H J on the left shoulder; cattle branded J on right hip, also underbit in left ear. Range in Morrow county.

Jenkin, S. M., Heppner, Or.—Horses, horseshoe J on left shoulder. Cattle, the same. Range on Willow Mills.

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

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

Kirk, Jesse, Heppner, Or.; horses H on left shoulder; cattle same on right side, underbit on right ear.

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.

Lofton, Stephen, Fox, 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 JL connected on left shoulder. Cattle, same on left hip. Range near Lexington.

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

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

Maris M. C., Heppner, Or.—Cattle branded circle on right hip; horses same on right stifle. Range in Morrow county.

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.

Mitchell, Oscar, Lena, Or.—Horses, 17 on right hip; cattle, 17 on right side.

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

Motier, Frank, Fox Valley, Or.—Male sheep with ear-mark on cattle on ribs and under in each ear; horses same brand on left stifle.

McHaley, [illegible] Umatilla, Or.—On horses, a 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.

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, Owen, 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, Ernest, Lexington, Or.—Horses branded —E (L E connected) on left shoulder; cattle same on right hip. Range, Morrow county.

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

Potter, A. C., Ione, Or.; horses diamond P on —— shoulder; cattle, J H J connected, on the left hip, upper slope in left ear and slip in the right.

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

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

Rush Bros., Heppner, Or.—Horses branded 3 on the right shoulder; cattle, IX on the left hip, crop off left ear and dewlap on neck. Range in Morrow and adjoining counties.

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

Rose, Wm. H, Dairyville, Or—Hik 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.

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

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

Sapp, Thos., Heppner, Or.—Horses, S A P on left hip; cattle same on left hip.

Slater John, Fox, Or.—NC connected on horses on right hip; cattle, same on right hip, crop off right ear and under bit in left ear. Range in Grant county.

Smith Bros., Susanville, Or. Horses, branded H. Z. on shoulder; cattle, same on left shoulder.

Squires, James, Arlington, Or.; horses branded JS on left shoulder; cattle the same, also nose waddle. Range in Morrow and Gilliam counties.

Stephens, V. A., Hardman, Or-; horses SS on right stifle; cattle horizontal L on the right side

Stevenson, Mrs A. J., Heppner, Or.—Cattle, S on right hip; swallow-fork in left ear.

Swaggart, G. W., Heppner, Or.—Hgrses, 44 on left shoulder; cattle, 44 on left hip.

Sperry, E. G., Heppner, Or.—Cattle W C on left hip, crop off right and underbit in left year, dewlap; horses W C on left shoulder.

Thompson, J. A., Heppner, Or.—Horses, Z on left shoulder; cattle, 2 on left shoulder.

Tippets, S. T., Enterprise, Or.—Horses, C on left shoulder.

Turner R. W., Heppner, Or.—Small capital T left shoulder, horses; cattle same on left hip with split in both ears.

Thornton, H. M., Ione, Or.—Horses branded HT connected on left stifle; sheep same brand.

Vandergeod, H. T., Lena, Or;—Horses HV connected on right shoulder; cattle, same on right hip.

Walbridge, Wm., Heppner, Or. Horses, U. L. on the left shoulder; cattle same on right hip, crop off left ear and right ear lopped.

Wilson, John Q., Salem or Heppner, Or.—Horses branded Jq on the left shoulder. Range Morrow county.

Warren, W B, Caleb, Or—Cattle W with quarter circle over it, on left side, split in right ear. Horses same brand on left shoulder. Range in Grant county.

Wade, Henry, Heppner, Or.—Horses branded ace of spades on left shoulder and left hip Cattle branded same on left side and left hip.

Wolfinger, John, John Day City, Or—On horses three parallel bars on left shoulder; 7 on sheep, bit in both ears. Range in Grant and Malhuer counties.

Woodward, John, Heppner, Or.—Horses, UP connected on left shoulder.

Watkins, Lisbe, Heppner, Or.—Horses branded UE connected on left stifle.

Wallace, Charles, Heppner, Or.—Cattle, W on right thigh, hole in left ear; horses, W on right shoulder some same on left shoulder.

Whittier bros., Huntingdon, Baker Co., Or.—Horses branded W B connected on left shoulder

Williams, Vasco, Hamilton, Or,—Quarter circle over three bars on left hip, both cattle and horses. Range Grant county.

Williams, J O. Long Creek, Or—Horses, quarter circle over three bars on left hip; cattle same and slit in each ear. Range in Grant county

Wren, A. A., Heppner, Or.—Horses running A on shoulder; Cattle, same on right hip.

Young, J. S., Gooseberry, Or.—Horses branded TS on the right shoulder

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THE POSTAL CONGRESS.

Held Once in Five Years by the Universal Union.

Next Meeting to Take Place in the United States Capital in 1897—Work and Objects of the Association.

The Universal Postal union holds a congress once in five years to determine what changes are needed in regulations governing the handling of international mail. The sixth is to be held in Washington in 1897. The director of the executive committee of the Universal Postal union, says the Philadelphia Times, comes to the United States on invitation of the postmaster general, to make arrangements for the meeting at Washington. The delegates will be entertained in New York as well as in Washington, for in New York they will have the best possible opportunity for examining the American system of handling the foreign mails, which is the most perfect system in the world. It is possible that they will be taken west to see the operations of the postal systems in the other cities—in St. Louis, where the trolley car service originated, in Chicago and Cincinnati.

There are thirty-eight countries in the postal union, and the mail from more than 200,000 local post offices is handled in the international system. The United States alone receives $2,650,000 for foreign postage each year and pays out less than that sum for the service. The international mail is carried at a profit, while the domestic mail is carried at a loss of $6,000,000 a year. The fact that there is a profit in handling international mail is the text of a good many postal reformers in England. We collect $250,000 a year from recipients of letters from foreign points on which postage has not been prepaid. This is equal to one-tenth of the sum received for prepaid letters. Of the sum received on letters bound outward the United States gets only a share. Often there is actually a loss to this country in forwarding a letter to a remote point. Every country through which the letter passes collects toll from us on these letters. On the letters received not fully prepaid we collect double postage, and the entire amount belongs to us. We have no reason, then, to complain of the number of letters which come to us unpaid; yet the double postage is a penalty intended to be a constant reminder to the people of the necessity of prepaying postage. In spite of the penalty, one-tenth of the foreign mail received in the United States is not fully prepaid. Probably this is because the man who sent the letter is not subject to the penalty.

The chief question to be considered at the congress of 1897 is the proposition to make the intermediate nations handling a letter transport it for nothing. This proposition is made in the interest of simplifying the accounts of the postal service. Under the convention now in force the nation by which a letter is forwarded pays to each intermediate nation 2 francs per kilo for all mail in transit. This increases materially the cost of forwarding letters to distant points. For instance, a letter to Turkey will go from New York to London, then to Belgium or Holland, to Germany, to Austria, to Hungary and then to Turkey. A kilo is two and one-fifth pounds or thirty-five and one-fifth ounces. Although the postal union carries a half-ounce for 5 cents, the average of letter-weight is less than that maximum. The estimates of the postal union are made on a basis of three letters to the ounce. Therefore, 2 francs, or 38.6 cents will carry 106 letters through one intermediate country. On 106 letters to Turkey the United States post office department would pay 38.6 cents to each of the intermediate countries—five in all. This would amount to more than 1⅞ cents on each letter—a considerable tax, and one which would put "penny postage" on foreign mails quite out of the question. This tax, of course, is supposed to be balanced by other governments on letters set through the United States to Canada, to Mexico and New Zealand.

There will be 150 delegates to the postal congress, and it has been said they will be handsomely entertained during their visit to America two years hence. The form of their entertainment is now under consideration by the post office department.

FRAME HAY STACKER.

If Made Properly, It Is Said to Be a Very Handy Device.

The frame for stacking hay, shown below, consists of two sills, 2x6 inches, 21 feet long and placed 10 feet apart. Upon these sills rest three frames made of 2x4 timbers 20 feet long for the uprights and joined at the top by means of 2x6-inch boards 8 feet long and braced at each of the upper corners with 2x4-inch scantling. From the

STACKING HAY FOR WINTER USE.

crosspiece is suspended a track for a hay fork. Hay is brought up at the end of this frame and by the proper arrangement of pulleys the hay is easily lifted from the wagons and transferred to the stack, which can be made, of course, as high as the frames. When it is desirable to move this from one portion of the field to another, simply hitch a horse to the end of each sill and pull it wherever desired. Make the sills roundlog at one end so it will slip over the ground like a sled. The upright timbers are mortised firmly into the sills, thus making the whole strong and durable. If larger and higher stacks are to be built, the size of the frame can be varied accordingly. It is a very handy device if made properly, and for those who have a great deal of field stacking to do is worthy of trial.—Farm and Home.

LIVES ON STORED GRAIN.

History of the Grain Moth and How to Destroy the Parasite.

This pest was originally imported from Europe by the early settlers of Virginia in their supplies of wheat brought from the old country. Once established on American soil, it has spread far and wide throughout the United States and is the most serious enemy to stored corn south of the wheat belt; Texas, perhaps, suffering more than any other state from its ravages. It attacks all stored cereal products, but corn and wheat are the principal grains affected. It is a serious pest in central Illinois and much unnecessary loss is incurred each season simply from a lack of information concerning its habits and remedies for its destruction.

THE GRAIN MOTH.

The presence of this insect in corn can be easily detected by a little observation. The corn is light and is peppered full of little round holes about the size of a pinhead, the interior of the kernels having been eaten out by the young of the moth. Wheat when attacked is hollowed out in the same way, so that nothing is left but an empty shell. The parent insect is a small gray moth, resembling a clothes moth, and measures only about half an inch with its wings spread.

It is represented in the figure at C and can easily be recognized by its satiny luster and by its much-fringed hind wings. The moth lays its eggs only upon hard grain and they are deposited both in the field and in the granary. The eggs hatch in about a week and the young worms work their way into the grain (see F in the figure), where they feed about three weeks before the larvæ mature (see A). It then transforms into a pupa (see B), from which the full-fledged insect emerges a little later. The creature passes the winter only in your barns and storehouses. It will breed uninterruptedly, generation after generation, in stored wheat. After harvest the moth flies out from the granaries to the wheat fields and lays its eggs upon grains of wheat in the shock. The larvæ are not destroyed by thrashing and are carried back into your granaries again. It is plain from these facts that if the granaries are kept free from this pest the shocks will not become infested in the fields. If the individual farmer, however, takes the trouble to disinfect his granary his wheat shocks will be infested from moths flying from the barns of his neighbors, provided he does not thrash very soon after harvest or before the eggs hatch and the larvæ penetrate the grain. I know there is more or less difficulty in getting a thrasher at the proper time and where the wheat must be left in the fields the farmer should disinfect his granary soon after the wheat is put in.

This insect has several natural enemies, and I have recently bred several species of very small winged parasites from it. No doubt these natural agents keep it in check to a certain extent, but the most efficient remedy now known for its arrest and destruction is the use of a very disagreeable-smelling liquid known as bisulphide of carbon. Its application is very simple.—Prof. W. G. Johnson, in Western Rural.

Proper Food for Chickens.

Chickens fed on an exclusive corn diet will not make a satisfactory development, particularly of feathers. The bones of chickens fed on a nitrogeneous ration are fifty per cent. stronger than those fed on a carbonaceous ration. Hens fed on corn, while not suffering in general health, become sluggish and deposit large masses of fat in the internal organs. The flesh of nitrogeneous-fed fowls contains more albuminoids and less fat than those fed on a carbonaceous ration, is darker colored, juicier and tenderer.

Tattooed by Lightning.

During a thunderstorm at Bridgeport, Conn., recently lightning struck the house of James Barry. Almost immediately the roof burst into flames. Barry, his wife and four children were asleep on the second floor. James McCall, his wife and five children were asleep on the second floor. The electric bolt shocked the thirteen into insensibility. The fire department turned out, but the house was almost totally destroyed. Both families recovered from the electric shock. One little girl has a deep red mark on her arm, an exact representation of the figure of the embroidered covering under which she was lying. It is a vine and flower, and runs from the elbow, up over the shoulder and across the neck.

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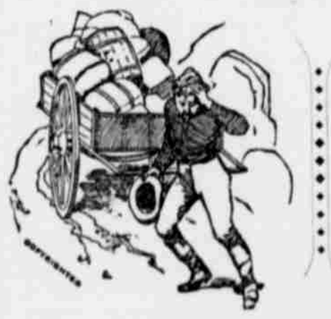

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