



These articles and illustrations must not be reprinted without special permission.

OBSTRUCTED, IMPACTED CROP. A hen sometimes plays ostrich and swallows everything in sight—leaves, feathers, nails—until she's full of indigestibles. What's her trouble? She has a depraved appetite, probably caused by catarrh of the crop, irritation of the muscular walls of that organ. Drop a greasy rope off a ham in the pen. It's swallowed quick, curls up and blocks the outlet, and there's an obstructed crop. Throw feed to halt



Photo by C. M. Barnitz.

FUNNEL IN PLACE.

starved hens in straw; they grab straw and all; there's obstructed crop again.

Give hens, on short rations, chance at full feed, turn a flock that has been penned on grain stubbles, give hens that have had no greens full chance at sprouted oats or winter rye and you'll find some packed tight full, and that's impacted crop.

Where hens are kept in unhygienic conditions or watered and fed irregularly or fed no grit such troubles may be expected.

The packed crop becomes exhausted, paralyzed, contents decomposed, and, if not removed, there is a funeral.

When there is a chance to get liquid into an impacted crop we attach a rubber tube to a funnel, run the tube down into crop and pour water strong with baking soda down the funnel, keeping hen's neck stretched and gently kneading contents of crop.

When crop gets spongy we turn hen's head down, squeeze crop, and sour feed runs from mouth. If this fails or crop is obstructed there must be an operation.

Pluck feathers from top of crop, make an inch incision in outer skin. Move crop a little over to opening, cut



Photo by C. M. Barnitz.

PACKED CROP—KNIFE SHOWS WHERE TO CUT.

lengthwise opening to fit finger and remove contents, letting liquid run out of hole first lest it be forced up and run down windpipe.

Insert two charcoal tablets and three five-grain capsules of venetian red, then close crop by neatly sewing with white silk. Dye each stitch separately.

Remove all foreign substance and then sew outer cut in same manner. Place hen in quiet, dry place, where she can get no food and feed a moist mash the next day, and on the fourth day turn her loose.

DON'TS.

Don't use a trough that hens can walk in, or a water vessel that they can scratch litter into.

Don't forget Alexander the Near Great. He cried because no worlds were left to win and died because he could not conquer gin.

Don't set scabby legged chicks with the idea that their chicks will not get the same scurfy tribby.

"SHINNY ON YOUR OWN SIDE!"

My mind goes back to days long ago When we barefooted kids would meet And tear our pants and stub our toes At play in the village street.

"Shinny on your own side!" they would yell. And if you weren't spry You'd get a crack on your big toe Or a good whack in the eye.

How oft I've thought in the game of life Like old shinny we played back there. When some of the kids played a good square game And others were unfair!

How oft I've wished for that old hickory stick With its knotted, twisted hook That I might knock some bully out Or paralyze a crook!

"Shinny on your own side!" There's the cue To win a worthy fame, For the fellow who steals another's place Always plays a losing game. C. M. BARNITZ.

KURIOS FROM KORRESPONDENTS.

Q.—I have cock turks here with very long spurs. Please inform me how to shorten the spurs without pain to the bird. A.—The spurs have little if any sensation and are only hard on the surface. With pliers break them off to the length desired and burn the rough end with a match. This will smooth end and stop any bleeding.

Q.—How many points does standard require on a Leghorn's comb, and how are these to stand on the female? A.—Five. All points on hen's comb turn over but first, which should be erect.

Q.—What is correct color of White Wyandotte's eye, and does this show as soon as chick is hatched? A.—Ired. In chick color is light yellow and gradually changes to red.

Q.—I have a large flock of Muscovy ducks, but it is hard to sell them around here because my customers claim they have a peculiar musky taste. Is there any way to dress them to remove this flavor? A.—Yes; remove the rump.

Q.—Why is it some eggs hatch sooner than others? I have had chicks come out a day sooner than the rest. A.—Some embryos are more vigorous and seem to develop faster than others.

Q.—Have you ever had any fowls die from eating poisonous insects? A.—No. Fowls have the faculty to distinguish between dietic and destructive insects, except ducklings, which often swallow honeybees and then cease to be.

Q.—Which is best for chicks, rolled oats or oatmeal? A.—Oatmeal. Rolled oats are steamed, and this is apt to be spoiled in process.

Q.—Is it true that round ended eggs hatch pullets and long eggs with a sharp end give roosters? A.—No. The rounder egg gives a plumper fowl; the long egg gives a long necked, sawky bird, but often does not hatch at all.

Q.—Which do you consider the best meat food for poultry? A.—Fine cut fresh green bone.

Q.—Which do you think better, fine or coarse bran? A.—Fine, but it is more apt to be adulterated.

Q.—What is your fee for answering questions? A.—Nothing, but inquirers should inclose a stamped, addressed envelope and be particular in case of disease to give full symptoms and feeding methods.

FEATHERS AND EGGSHELLS.

Colorado is not in the turkey graveyard belt, the turkey crop showing an increase of 100 per cent a year. In 1910 the state produced 275,000 turkeys valued at \$600,000.

Boys naturally take to chickens and should be encouraged when they get the craze. There is more in large poultry for them than in rabbits, pigeons and bantams, so start them with a bunch of pure bred birds. It's healthful, interesting, informing, will keep them busy and make them practical.

A single shipment of 1,000,000 eggs went from Pennsylvania to New York for Easter. Harrisburg used 240,000 eggs, or seventy-five miles of hen fruit, for the occasion.

When a skunk on a foraging expedition started to clean up the hens in the barnyard of Philip Berstine, Beech Valley, Pa., he was promptly chased by the big turkey gobbler. An exciting battle ensued, and the turkey finished old skunk in short order. The gobbler then took a vacation for fumigation.

On Jan. 1 a California Leghorn breeder had already looked orders for 67,500 eggs for hatching. To fill orders on that scale and also provide eggs for home hatching there must be great laying hens back of the man and brains back of the big.

A McConellsburg (Pa.) young lady wrote her name on an egg and a year after received notice from the president of a cold storage house in New York that the egg had arrived in a shipment from Minnesota. Next!

The Pennsylvania Society For the Prevention of Cruelty to Animals presented 808 persons in 1911 for cruelty to animals. Among these five were up for cockfighting and twenty-seven for plucking feathers from live chickens. No; the inhuman wretches didn't all die when old Herod and Nero kicked the bucket.

Professor Curtis of Western university Cleveland, declares the hen is losing its maternal instincts because it is hatched by an incubator and wants to know how an incubator chick can have the same instincts as one hatched by Mother Hen. The Savannah News replies: "Then how about those incubator babies of whom we hear from time to time? Will they now grow up to be good fathers and mothers?"

C. M. Barnitz.

Innes & Davidson's barber shop is located now, temporarily, on Oregon street, in the old Taggart Hotel building. Three good barbers to serve you.

The deer season opens August 1 and you will need a license to go hunting. Applications at The Bulletin office.

The Bulletin has a supply of application blanks for hunting licenses which anyone can secure by calling at this office.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 24th, 1912.

Notice is hereby given that Frederick E. Gibson, of Laidlaw, Oregon, who, on June 7th, 1911, made Homestead Entry No. 69086, for S 1/2 SW 1/4, Sec. 2, and SE 1/4 SE 1/4, Section 3, Township 16 South, Range 11 East, Willamette Meridian, has filed notice of intention to make commutation proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office, at Bend, Oregon, on the 11th day of September, 1912.

Claimant names as witnesses: Charles K. Wiley, Edward White, Sterlie Fryrear, Walter Peterson. 21-25 C. W. MOORE, Register.

Selling Agents for Aubrey Heights

The most beautiful residence property in Bend. Only 6 to 8 blocks from business center on easy terms.

Fire, Accident and Liability Insurance. Surety Bonds. All classes of Real Estate.

J. A. EASTES Oregon Street.

Milk

CREAM EGGS Best Fresh Products.

Pilot Butte Dairy Jones & Bates.

Telephone Your Orders. We Deliver Twice Daily.

Legal Blanks

OF ALL KINDS

- Blank Notes Rent Books Receipt Books Agreements Sales Contracts Crook County Maps Central Oregon Maps Scratch Pads Township Plats Cruisers' Books. We take orders for Rubber Stamps.

The Bend Bulletin

NOTICE OF CONTEST.

Department of the Interior, United States Land Office, The Dalles, Oregon, July 10, 1912.

To Harry Emery, of Bend, Oregon, Contestee:

You are hereby notified that I. L. Owen, who gives Bend, Oregon, as his postoffice address, did on June 6, 1912, file in this office his duly corroborated application to contest and secure the cancellation of your homestead, Entry No. Serial No. 08289, made March 27, 1911, for SW 1/4, Sec. 8, NW 1/4, Section 17, Township 20, S. Range 15, E. Willamette Meridian, and as grounds for his contest he alleges that said Harry Emery has not established any residence on said land nor made any improvements on said land as required by law nor has the said Harry Emery been on said land within six months prior to October 15, 1911, having apparently abandoned said land.

You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be canceled thereunder without your further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest, or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant either in person or by registered mail. If service is made by the delivery of a copy of your answer to the contestant in person, proof of such service must be either the said contestant's written acknowledgement of his receipt of the copy, showing the date of its receipt, or the affidavit of the person by whom the delivery was made stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and the post office to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter.

You should state to your answer the name of the post office to which you desire future notices to be sent to you. C. W. MOORE, Register.

Date of first publication July 17, 1912.

Date of second publication July 24, 1912.

Date of third publication July 31, 1912.

Date of fourth publication Aug. 7, 1912.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 10th, 1912.

Notice is hereby given that Ellen

Pattie, of Bend, Oregon, who, on August 22nd, 1907, made Desert Entry, No. 704, Serial No. 0731, for the E 1/2 SE 1/4, Sec. 21, and W 1/2 SW 1/4, Section 22, Township 17 South, Range 12 East, Willamette Meridian, has filed notice of intention to make final desert proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at his office at Bend, Oregon, on the 27th day of August, 1912.

Claimant names as witnesses: Charles Boyd, Adam Kutzman, Nella Anderson, George Hates, all of Bend, Oregon. C. W. MOORE, Register.

NOTICE OF CONTEST.

Department of the Interior, United States Land Office, The Dalles, Oregon, July 10, 1912.

To Daniel Blizard of Bend, Oregon, Contestee:

You are hereby notified that Frank J. Glander, who gives Bend, Oregon, as his postoffice address, did on May 28, 1912, file in this office his duly corroborated application to contest and secure the cancellation of your homestead, Entry No. Serial No. 05460, made October 11, 1909, for W 1/2 NE 1/4, SE 1/4 NE 1/4, W 1/2 SE 1/4, NE 1/4 SE 1/4, Sec. 25, T. 19, S. R. 14, E. SW 1/4 NW 1/4, NW 1/4 SW 1/4, Section 20, Township 19, S. Range 15, E. Willamette Meridian, and as grounds for his contest he alleges that said Daniel Blizard has wholly abandoned and deserted said land and has wholly failed to cultivate said land as required by law to wit one-eighth of said entry has not been continuously cultivated to agricultural crops or any other crops at all beginning with the second year or at any other time subsequent to the second year of the entry.

You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be canceled thereunder without further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest, or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant either in person or by registered mail. If service is made by the delivery of a copy of your answer to the contestant in person, proof of such service must be either the said contestant's written acknowledgement of his receipt of the copy, showing the date of its receipt, or the affidavit of the person by whom the delivery was made stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and the post

office to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter. You should state in your answer the name of the post office to which you desire future notices to be sent to you. C. W. MOORE, Register.

Date of first publication July 17, 1912.

Date of second publication July 24, 1912.

Date of third publication July 31, 1912.

Date of fourth publication August 7, 1912.

There are several hundred of The Development Number of The Bend Bulletin left.

44 pages of interesting articles about Bend and Central Oregon. More than 100 illustrations. Wrapped for mailing. Get in your orders while they last and send them to your friends in the East.

10c a Copy

If You Were Offered

\$1.00

Would You Take It?

Would you like to read the biggest and best weekly farm magazine in the Northwest? If so, subscribe to

THE PACIFIC HOMESTEAD

(Regular price \$1.00 a year.) By combining with

THE BEND BULLETIN

(Regular price \$1.50 a year)

You Get Both Papers for \$1.50

By taking advantage of this special offer you save a dollar, and get all the farm and agricultural news of the Pacific Coast and all the local news of your district and of all Central Oregon.

Send \$1.50 to The Bend Bulletin today, and receive both papers for a year,—one hundred and four papers for \$1.50! That's less than one and a half cents each.

Samples of both papers sent to you or your friends on request.

THE BEND BULLETIN BEND, OREGON