

**S. A. GIMRE**

Has always in stock a fine assortment of

# Boots and Shoes

**BALL BRAND RUBBER BOOTS.**

Call and See, Bond Street.

If you want a good, clean meal or if you are in a hurry you should go to the

## Astoria Restaurant

This fine restaurant is thoroughly up-to-date in every detail.

**EXCELLENT MEALS.**

**EXCELLENT SERVICE**

## ASTORIA IRON WORKS

JOHN FOX, Pres. and Supt. P. L. BISHOP, Secretary. A. L. FOX, Vice Pres. ASTORIA SAVINGS BANK, Treas.

**Designers and Manufacturers of**

THE LATEST IMPROVED

**Canning Machinery, Marine Engines and Boilers,**

Complete Cannery Outfits Furnished.

CORRESPONDENCE SOLICITED. Foot of Fourth Street, Astoria, Ore.

## HOTEL PORTLAND

The Finest Hotel in the Northwest

**PORTLAND OREGON.**

## Reliance Electrical Works

We are thoroughly prepared for making estimates and executing orders for all kinds of electrical installing and repairing. Supplies in stock. We sell the Celebrated SHELBY LAMP.

Call up Phone 1161.

**428 BOND STREET**

## The MORNING ASTORIAN

60 CTS. PER MONTH

**Astoria's Best Newspaper**

## PSORIASIS AND ECZEMA

Milk Crust, Tetter, Ringworm, and Scalded Head, and Every Form of Torturing, Disfiguring Humors from Infancy to Age.

**CURED BY THE CUTICURA REMEDIES**

**Terrific Race With Death.**

"Death was fast approaching," writes Ralph F. Fernandez of Tampa, Fla., describing his fearful race with death, "as a result of liver trouble and heart disease, which had robbed me of sleep and of all interest in life. I had tried many different doctors and several medicines, but got no benefit, until I began to use Electric Bitters. So wonderful was their effect, that in three days I felt like a new man, and today I am cured of all my troubles." Guaranteed at Chas. Rogers' drug store; price 50c.

**Adventures of Phrasos.**

"I Love You" once escaped from out The dictionary's pages To seek the opportunity Awaited through the ages.

With anxious heart he hid him forth When fortune good beset him; He hadn't wandered long before "This is So Sudden" met him.

Together on the rosy way, While arm in arm they plodded, Behind them gay "I Told You So" With learned wisdom nodded. —Puck.

Where are you sick? Headache, foul-tongue, no appetite, lack energy, pain in your stomach, constipation? Hollister's Rocky Mountain Tea will make you well and keep you well. 35 cents. Frank Hart's drug store.

**Fraternal Mystic Circle.**

Grand Ruler Hoffman of New York reports 1,400 members taken into the order during the last ten months.

March reports show that splendid week is being done in many jurisdictions, and the order is growing rapidly.

**Cleared for Action.**

Blood poison creeps up towards the heart causing death. J. E. Stearns, Belle Plaine, Minn., writes that a friend, dreadfully injured his hand, friend dreadfully injured his hand, which swelled up like blood poisoning. Bucklen's Arnica Salve drew out the poison, healed the wound, and saved his life. Best in the world for burns and sores. 25c at Chas. Rogers' drug store.

Baby sleeps and grows while mammy rests if Hollister's Rocky Mountain Tea is given. It is the greatest baby medicine ever offered loving mothers. 25 cents, Tea or Tablets. Frank Hart's drug store.

## CAPT. GRAHAM'S CURE

Of Distressing Humour.

Captain W. S. Graham, 1321 Eoff St., Wheeling, W. Va., writing under date of June 14, '04, says: "I am so grateful I want to thank God that a friend recommended Cuticura Soap and Ointment to me. I suffered for a long time with sores on my face and back. Some doctors said I had blood poison, and others that I had barbers' itch. None of them did me any good, but they all took my money. My friends tell me my skin now looks as clear as a baby's, and I tell them Cuticura Soap and Ointment did it."

Cuticura Soap, Ointment, and Pills are sold throughout the world. Foster Drug & Chem. Corp., Boston, Sole Agents. Get the "New in Our Every Humour."

## DAIRYING BUSINESS

Practical Hints for Clatsop Dairy-Men to Follow.

### THE OPINIONS OF DAIRYMEN

Those Who Have Had Years of Experience Give the Benefit of Their Experience to Those Interested in This Growing Industry.

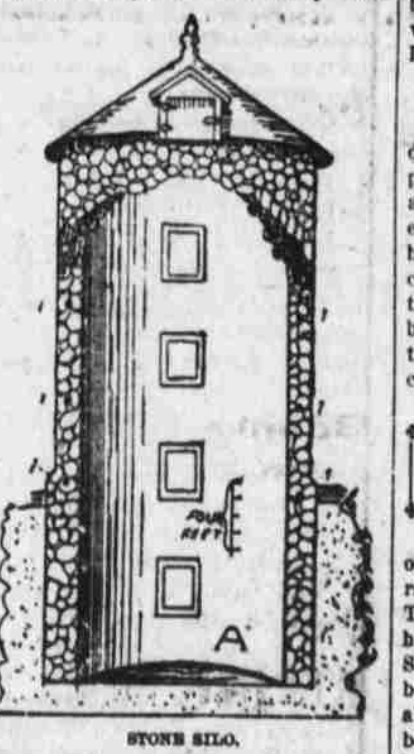
Much of the dirt which may be seen on the cheesecloth strainer and which dissolves and passes through—dandruff, hairs, flecks of dried manure, bacteria and the like that get into milk—falls in from above during the process of milking, writes a Vermont farmer in American Cultivator. Now, straining milk through cheesecloth only removes a part. The situation can be bettered to a marked degree, the keeping quality of the milk be enhanced and the likelihood that the milk will make good butter be increased by attention to a few details that are not, their costly in money or time or difficult to install.

Wipe udder and abdomen with a damp cloth immediately before milking. Provide milkers with clean clothes. Fill seams of dairy utensils with solder and use some form of the sanitary or dirt excluding milking pails. There are several forms of the latter. One is a pail covered with a "four" funnel covered with wire gauze, into which fits a loose ring whereby may be fastened in a few layers of cheesecloth. Another is a closed pail with a large opening covered with a wire mesh and absorbent cotton. And still a third and very practical pail is one with a shoulder and a hood, which is otherwise open. According as this is held the amount of dirt entering the pail may be cut down from 60 to 90 per cent.

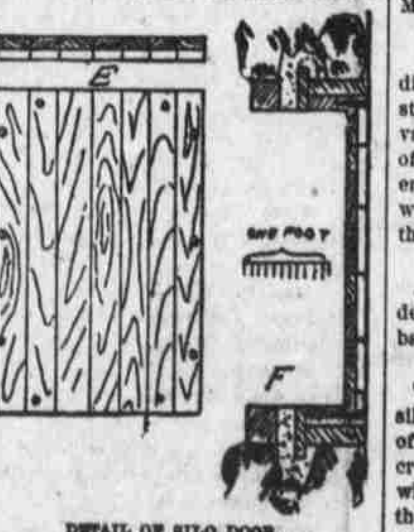
If now, after the organisms have been thus excluded, their growth and multiplication are checked by low temperatures, one may feel fairly certain that the milk will have a lease of life almost as great as that of a ton of coal during a cold wave.

**Stone Silo Construction.**

The drawings of the all stone silo (A), with conical roof and openings for feeding doors, are reproduced from Hoard's Dairyman. The heavy black



STONE SILO. Dots (1, 1, 1) show where iron rods may be bedded in the wall to prevent cracking from the pressure of the silage. Method of constructing silo door and door jamb for stone silo; E



DETAIL OF SILO DOOR. Shows cross section of silo door; F shows how the door jamb is made to make it air tight and how the door is held in place with lag bolts against a gasket of roofing material.

**Feeding Young Calves.**

It sometimes happens that young calves when fed nice clover hay are taken with impaction of the rumen, and they generally die. We once lost a valuable cow and a fine young bull from this ailment. It is generally understood now by veterinarians that this trouble largely comes from over-feeding. The animal eats more than it can remasticate. Constant care is needed with young calves to guard against overfeeding. Their digestion

is easily upset, and every attack gives them a serious setback.—Hoard's Dairyman.

### HAND SEPARATORS.

**Some Advantages Which Their Use Offers to the Farmer.**

The method of separating cream by hand machines on the farm and collecting it for the creameries is becoming very popular in some regions and seems likely to supersede the old plan of taking the whole milk to the factory, says American Cultivator.

The advantages of the plan are very evident. The farmer is saved the daily trip to the creamery, an item which represents considerable time and at certain times of the year great inconvenience. He has the fresh skim milk to use for calf feeding, free from being mixed with other milk, which may be soured or contaminated with germs of disease and from neglected or badly kept herds, and the milk is to the best possible condition for production of veal.

By running a route through the cream district the collection can all be done by one man, thus providing the farmer a market for his cream at his own door. These advantages are so evident that farmers are demanding the convenience and insisting on being relieved from the need of hitching up a team to haul the milk every day.

The defects of the plan are such as to have prevented the change in some districts. The main trouble is the lack of uniformity in the cream. Some farmers with little experience with modern dairying or the use of separators fail to exercise the care needed in clean milking, a clean room for the separator, cooling the milk and separating it while it is fresh.

The problem of making the system a success is that of educating the producers to separate the milk under the best conditions and to have the cream collected regularly and frequently. Cream collected once or twice a week is unfit for use, but the successful routes collect at least four times a week. Some creamery managers insist that the main trouble is the failure to keep the cans clean. These managers give special attention to delivering the cans perfectly clean and sweet, having a double set of cans and leaving them at each farm all ready to use.

### The Successful Dairyman.

The successful dairyman must be a persistent man and a good man for details. That is the first essential to success in the dairy business. The second is the cow. There is no excuse in this day of enlightenment for not knowing whether every cow in the herd is a profitable one or not. There ought to be some way to punish the dairymen who doesn't use the Babcock test. Several years ago one of my herds of fifty cows was tested, with the result that some of the cows were actually losing money and others making it. The difference between the best cow and the poorest was about \$68 per year.—H. B. Gurler Before Ohio Dairymen's Convention.

### Feed Cows Twice a Day.

Where no feed is given at noon the dairy cow has the day to rest and deposit her flow of milk as well by day as by night, and her appetite is quickened for the feed when it is put before her, writes a Maine farmer in American Cultivator. When I first adopted this practice I thought it was cruel, but I am thoroughly convinced by practice that it is an advance step in the care of dairy cows.

### FEEDING MILK CATTLE

Turnips are good for cows at the rate of half a bushel per day, although the ration must be increased gradually. The cow must keep in sympathy with her feed, and this must be slow at first. Some think the cow should never be a boarder. They want her to give milk all the year. It is wrong. The milk becomes impure unless the cow can have a rest. It becomes depressed in flavor when taken as strippings. Give the cow a rest of two months. If you want good butter you must keep out the stripper cow.—Professor Gowell of Maine Experiment Station.

### Potatoes For Milk Cows.

According to Professor W. A. Henry, director of the Wisconsin experiment station, milk cows may be fed with advantage as much as twenty-five pounds of sliced potatoes per day. If a greater weight than this is fed the potatoes will have an unfavorable influence on the quality of the butter produced.

### The Balanced Ration.

A cream separator will do a good deal, but it won't take the place of a balanced ration in the feed trough.

### Advantages of the Silo.

There is this advantage about the silo—that there is a much longer period of time in which to secure the corn crop when so used than there is in which to save it as cut corn. Then there is absolutely no waste in feeding against a 33 per cent waste in feeding corn fodder prepared by any other method.—Farmers Advocates.

### How to Feed Successfully.

First, let me say that in order to have cows do well in the fall and winter you must feed them well in the spring and summer, and to have them do well in the spring and summer you must feed well during the fall and winter. I told one of my neighbors this on a certain occasion. He thought a moment and then said, "Why, that means to feed all the time." That is the keynote of success.—Z. W. Coleman in Oklahoma Journal.

Want ads in The Astorian always bring results.

## THE POULTRY FARM

### Items of Interest Regarding Poultry Raising in Clatsop.

### THE PARTRIDGE WYANDOTTE

This New Breed Has Become a Popular Favorite With Experienced Poultry Raisers and Won First Prize at New York Madison Square Gardens.

Although one of the latest varieties of the popular Wyandotte family, the Partridge Wyandotte has become a great favorite and by many is considered to be the best variety of the breed, for it combines with a very handsome appearance excellent laying qualities, writes a correspondent of London Mail. With the whites they produce larger eggs than any of the other Wyandottes and lay well in winter compared with other breeds.

Those who have admired the Partridge Cochins, but have been unable to keep this breed on account of their broody propensities, can by keeping Partridge Wyandottes have the coloring they admire, and with profit to themselves, for the pullets and hens of the breed last mentioned have the same coloring and almost the same pencillings as the Partridge Cochins.

Now for a few words as to the points of the Partridge Wyandotte. The cock should have a rose comb, sitting close to the head and the peak pointing downward toward the neck, the beak being of dark horn striped with yellow. The eyes should be hazel, with a nice brown ring round; face and ear lobes red; neck, hackles and saddle feathers a beautiful dark lemon color, with black down the center of each feather; shoulders dark red; wing bars brown, edged with black; breast and thigh feathers black and brown, tail black, carried well back, and legs yellow, with four toes on each foot. It will be noticed that the breast should be black in color; but, as is the case with many of the black breasted breeds, the young birds are apt to throw brown feathers among the black, while some of the feathers are ticked with brown. These birds are no good for cockerel breeding, but if mated



PARTRIDGE WYANDOTTE COCKEREL.

properly will produce well marked pullets. The hens are pencilled all over being brown and black, the former color being quite free from any trace of a red shade—in fact, they are just the color of good specimens of the Partridge Cochins breed. Finally when hatched Partridge Wyandottes have two dark brown stripes on the back and at the back of the head, and when they begin to feather the cockerels and pullets look the same color, but when the adult feathers begin to grow the black of the breast and hackle feathers and the deep red on the wings appear.

The Partridge Wyandotte cockerel here reproduced from American Cultivator won first prize in his class at the New York Madison Square Garden show last winter. He is owned by E. G. Wyckoff, Ithaca, N. Y.

### Line Breeding.

Line breeding is another term for inbreeding, not baphazard, but scientific inbreeding, says D. J. Coyne, Jr., in Commercial Poultry. For example, a breeder starts with a trio or pen of unrelated or distantly related birds. The next season he must not mate their progeny alone, for that would be dangerous inbreeding—brothers and sisters—and the stock is all young. Experience has taught us that such a mating produces infertile eggs and young stock lacking in vitality. The proper matings are to mate the cock bird to his pullets and the best cockerel to the hens, and so on year after year the birds are mated, young to old and old to young, without the introduction of strange blood, the object being to avoid mating brothers and sisters, birds too closely related or immature birds.

### Colonizing the Chicks.

As the chicks grow older divide them into colonies. Place them away from each other in flocks of from thirty to fifty in separate coops made for the purpose. This separation gives more room for development and lends its aid to better health. There cannot be

any better way than this to gain quick growth, provided they are well fed on good wholesome food that will develop bone, meat and muscle. If the cockerels are all separated from the pullets, so much the better for both, but this cannot be successfully done unless there are separate runs for each—Feather.

### A Paring Farm Flock.

Mrs. O. M. Barrows of Bethel, Vt., reports 8,745 eggs the past year from a flock of sixty pullets and twelve yearlings, Rhode Island Reds, says American Cultivator. The eggs sold amounted to \$262 besides those used in the family. Feed and advertising cost \$94, leaving a balance of about \$167. Many of the eggs were sold for hatching at extra prices.

### Cut Off Her Head.

The hen that spends half the time during the day on the roost is seldom found on the nest.

### Saved by Dynamite.

Sometimes a flaming city is saved by dynamite a space, that the fire can't cross. Sometimes, a cough hangs on so long, you feel as if nothing but dynamite would cure it. Z. T. Gray, of Calhoun, Ga., writes: "My wife had a very aggravated cough, which kept her awake nights. Two physicians could not help her; so she took Dr. King's New Discovery for Consumption, Coughs and Colds, which eased her cough, gave her sleep and finally cured her." Strictly scientific cure for bronchitis and La Grippe, at Chas. Rogers' drug store, price 50c and \$1.00; guaranteed. Trial bottle free.

### RED MEN.

#### Notes of the Tribes in Various Reservations.

Kewawee tribe of Kewawee, Ill., has arranged to give a big circus performance this summer. They will pitch a tent that will seat 8,000 spectators.

Recent reports show there are 5,294 tribal members in Indianapolis.

Last month Hiawatha tribe of Ogden, Utah, adopted twenty-five palefaces.

Leni Lenape tribe of Camden has assets of nearly 22,000 fathoms.

The report to the great council of the United States will show that twenty-four new tribal brands were lighted in Pennsylvania in the great sun.

Monday and Tuesday we will sell sewing machines at absolutely unheard of prices. Two \$55 machines for \$35 and \$38 each. Second hand machines for \$3 up. First class repairing a specialty. Call at the Singer Machine Co., 121 Tenth street.

## Headline Week AT THE STAR

All the Latest Attractions From the Best Theaters

Week Beginning May 15.

Matinee Daily at 2:45 P. M.

McINTIRE, FLETCHER & McINTYRE  
Peerless Singers and dancers

MARVELOUS ROUSELL  
Perfection of Athletic Grace, in the Silver Cradle

THE BREWERS  
Singers, dancers, cake walkers imitations from America to the jungles of Africa

ROSA LEE  
Chicago Magnet  
A. J. ELWELL

Pictured Melodies  
"Bunker Hill"

EDISON'S PROJECTOSCOPE  
Showing latest Motion Pictures  
Admission, Any Seat, 10 cents.

**THE DENVER & RIO GRANDE RAILROAD**

## YOU WILL BE SATISFIED

WITH YOUR JOURNEY. If your tickets read over the Denver and Rio Grande Railroad, the "Scenic Line of the World."

## BECAUSE

There are so many scenic attractions and points of interest along the line between Ogden and Denver that the trip never becomes tiresome. If you are going East, write for information and get a pretty book that will tell you all about it. W. C. McBride, General Agent. 124 Third Street. PORTLAND, OREGON.