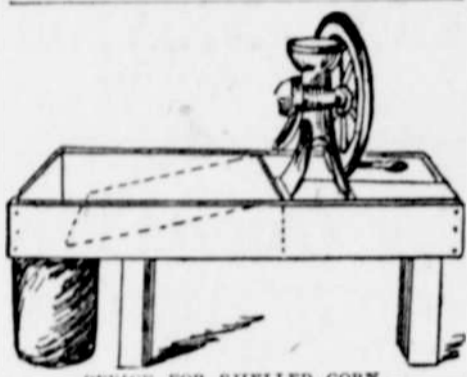
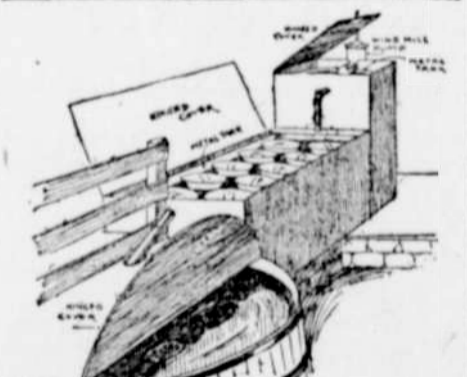


For Shelled Corn.
Where considerable corn has to be shelled for the animals on the farm it is often wasted by falling on the barn floor and through the cracks between the boards. The device here suggested is easily made, and if correctly made will certainly save the corn to the last grain. Make a box three feet long, eighteen inches wide and ten or twelve inches deep. Cover over one end of this, at the top, on which to fasten the corn sheller. Make an inclined bottom to within



eight inches of the end, which remains open. Put legs under this box and set it high enough so that a pall or a bag can be set under the open end bottom to catch the grains of corn as they come from the sheller. If a bag is used, hooks will have to be put in the sides of the bottom of the box on which to hang the bag. A high box or a pall would be preferable to the bag. The cost of making this device is very small, any one with a few tools can do it, and it will certainly save both corn and labor. The illustration shows the plan so clearly that no further explanation is necessary.—Indianapolis News.

Farm Water Works.
The illustration explains itself. The plan is intended to meet the needs of the ordinary dairy or stock farm where there is a windmill for pumping the water. A two-inch tube conveys the water into the galvanized iron house tank, which is enclosed in a tight wooden box. Water is dipped from this tank for household purposes both summer and winter. The overflow is near the top, hence does not freeze as it is never filled with standing water. The overflow is conveyed from this tank to a gal-



vanized iron milk tank, which is also enclosed in a wooden box, and has an overflow pipe from it to the horse and cattle watering tank, which may be situated at some distance away.

Some Ills of Poultry.
Clean, varied, easily digested food is itself a medicine.
Allments can be classed as colds, indigestion, vices and accidents.
A cold, accompanied by rattling, is called bronchitis; by gasping, pneumonia.
Canker in the mouth may extend to throat and become diphtheria. The diphtheria of fowls and man are different according to veterinarians, but attendants on sick birds have been known to take poultry diphtheria.
When fowl sneezes, waters slightly at eyes and nostrils, and dumps, it has a common cold, not regarded as a germ disease.
When face and head swell a good deal, and the discharge from nostrils is profuse, fowls have roup, or influenza. Irregularity of habit is apt to accompany colds of all kinds.
If you have a scratching room in which to drive the flock, fumigate with sulphur their lodging-room. If you have no suitable place for them to go, burn oil of tar or resin in their presence.

The causes of malignant colds are filth, dampness, drafts, neglect and improper food.
An ordinary cold, if taken at once, can be arrested by a one-grain pill of quinine forced down each sick bird. Give some bread crumbs in connection, to cause quick digestion. Use granite or earthen water-dishes, not tin, for medical use.

The Stall-Fed Cow.
Somehow many dairymen have reached the wrong conclusions when reading of dairy farms where the cows are stall-fed the year round. It by no means is intended that the cows shall have no outdoor exercise; on the contrary, except for cows that are on pasture entirely during the summer, few cows are more intelligently exercised and proper ventilation furnished them than stall-fed animals properly brought up. At regular hours the animals are turned into commodious barnyards for air and exercise. During the winter this outdoor exercise is as carefully looked after as during the summer, and, in the majority of cases, the cows occupy only sleeping hours and milking hours in their separate stalls, the balance of the time being spent in large sheds.
Don't be afraid of the fresh air for your animals during the winter; see that they have all the outdoor exercise the weather will permit, but more than all, see that the stables are properly ventilated and aired. There are a number of devices for this purpose, and one of the best of them is the window frame covered with muslin. Remember that close confinement and foul air predispose the cow to tuberculosis, and that fresh air and plenty of it will enable her to do her share, not only as a milk producer but as a mother.

To Hold Wood While Sawing.
Bend a piece of iron, put a piece of wood on long end as shown in illustration, put this between the legs of saw-horse. Stand erect with left foot on stick.



Agricultural Fairs.
The fair season has been exceptionally gratifying. Upon the whole, the agricultural exhibitions throughout the country have been better than usual. Fakes have been discouraged and legitimate exhibits have benefited. The issue of complete catalogues, using plain numbers conspicuously over each animal or other exhibit and referring to them in the catalogue, has attracted favorable attention wherever it has been adopted. Individual exhibitors have assisted the management materially by having placards printed, bearing their name and the name of the exhibit and other information for the benefit of those attending. The value of an exhibit is lost unless the visitor can learn quickly something definite in regard to it.—Exchange.

Take Care of the Plows.
When plowing is done, clean and dry your plow, then apply a heavy coat of paint, says an ingenious Dakota farmer in an exchange. It is best applied with a soft brush. If no such brush is at hand, one is very easily made by clipping the end of a horse's tail, and by means of a string fasten same securely to a stick. Allow paint plenty of time to dry, and in case some of it should get rubbed off before it is properly dried, apply another coat. To remove the paint when the plow is to be used again, pour on strong lye water the night before, and in the morning rub off the dry paint. If it does not come off clean, apply another soaking of lye water, which will complete the job, and you will have a plow that is smooth and will scour from the start.

Corncob Ashes Valuable.
Of all things on the farm corncobs are the most valuable for ashes, as from 15 to 20 per cent of the ash is pure potash, and yet corncobs are thrown away on most farms. Every 1,000 pounds of hardwood ashes will give about sixty pounds of potash, or 6 per cent of the whole, and when compared with corncobs the latter are much more valuable in the shape of ashes. Save corncobs and burn them with wood in the kitchen stove, saving the ashes for the orchard and lawn.

The Jar of Coughing

Hammer blows, steadily applied, break the hardest rock. Coughing, day after day, jars and tears the throat and lungs until the healthy tissues give way. Ayer's Cherry Pectoral stops the coughing, and heals the torn membranes.

"I always keep Ayer's Cherry Pectoral in the house. It gives perfect relief whenever any of us have coughs or hard colds. I have used it for a great many years and so know all about it."—Mrs. MARY O'BRIEN, Varysburg, N. Y.

Made by J. C. Ayer Co., Lowell, Mass. Also manufacturers of
Ayer's
SARSAPARILLA
PILLS.
HAR VIGOR.

Biliousness, constipation retard recovery. Cure these with Ayer's Pills.

On the Trail with a Fish Brand Pommel Slicker
"I followed the trail from Texas to Montana with a FISH BRAND Slicker, used for an overcoat when cold, a wind coat when windy, a rain coat when it rained, and for a cover at night if we got to bed, and I will say that I have gotten more comfort out of your slicker than any other one article that I ever owned."
(The name and address of the writer of this unsolicited letter may be had on application.)
Wet Weather Garments for Riding, Walking, Working or Sporting.
HIGHEST AWARD WORLD'S FAIR, 1904.

A. J. TOWER CO.
BOZTON, U.S.A.
TOWER CANADIAN CO., Limited
TORONTO, CANADA

Much in Evidence.
Dick—How did you like the new play?
Tom—I thought Miss Sadie Blugore had entirely too much to say.
Dick—Was she in it? Why, I didn't even know she had gone on the stage.
Tom—She was in one of the boxes with a party the night I was there.

For coughs and colds there is no better medicine than Pisco's Cure for Consumption. Price 25 cents.

Do It Now.
Customer—Why don't you tack up this 'Do It Now' motto? It's been lying around on the counter for a month.
Grocer—Wa-al, I'm a-goin' ter tack it up sometime—if I ever git to it.—Judge.

FITS Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for Free \$2 trial bottle and treatise. Dr. R. H. Kline, Ltd., 931 Arch St., Philadelphia, Pa.

The Red to Come.
"I was thinking of calling it the 'Blue Demon,'" said the man with the new automobile.
"Oh, never!" objected the veteran searsher; "say rather, the 'Purple Demon.'"
"But it's painted a bright blue."
"Exactly, but you must look to the future. The blue in combination with the red supplied by the people you hit will eventually produce purple."

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Out of the Ordinary.
Author—I have just written a play that contains a new and novel climax. It is bound to make a hit.
Manager—Indeed!
Author—Fact. The plot leads up to a train robbery.
Manager—Huh! I fail to see anything new and novel in that.
Author—But the passengers rise up as one man and put the robbers out of business!

CASTORIA

For Infants and Children.
The Kind You Have Always Bought

Bears the Signature of *Wm. D. Fitcher*

Heavy Bombardment.
"Was your wife angry when you got home so late last night?"
"Angry? Why, my boy, the dear woman pelted me with flowers!"
"But how did you get that black eye?"
"Well, you see, she neglected to take the flowers out of the pots before she threw them."—Cleveland Leader.

CLASSIFIED ADVERTISING

Portland Trade Directory

Names and Addresses in Portland of Representative Business Firms.

PHOTO SUPPLIES: Kodak developing and printing; write for prices. Woodard, Clarke & Co.

MAGIC LANTERNS—Weister Co., Portland. Lowest prices on Lanterns and Slides.

ELASTIC Hosiery: Supporters, Braces; Kilt to Fit; free measurement blanks; Woodard, Clarke & Co.

HORSES of all kinds for sale at very reasonable prices. Inquire 275 Front St.

TRUSSES sent on approval; we guarantee fit in most difficult cases; Woodard, Clarke & Co.

SWEET PEAS—Send 10c for pkg. ass'd Fair Gold Medal peas. J. J. Butzer, 188 Front street.

ARTIFICIAL EYES: eyery shade and shape; assortment sent on approval; Woodard, Clarke & Co.

CREAM SEPARATORS—We guarantee the U.S. separator to be the best. Write for free catalog. Hazelwood Co., Fifth and Oak.

MEN'S CLOTHING—Buffum & Pendleton, sole agents Alfred Beal's correct clothes. Everything in men's furnishings. Morrison and Sixth streets. Opposite postoffice.

FREE LAND IN OREGON under the Carey Irrigation act. Dead direct from state. Write today. Booklet and map free. B. S. Cooke & Co., 251 Alder street, Portland, Oregon.

POULTRY FOOD—If you want your hens to lay more eggs write us for free particulars about PULINA POULTRY FEEDS—Acme Mills Co., Portland, Oregon.

TAILORS—Columbia Woolen Mills Co., Portland, Ore. Latest style clothes made to measure cheap. Our suit measurement system insures perfect fit. Write for free samples and prices.

PIANOS & ORGANS—Oldest piano house on Pacific coast. Organs and Pianos on easy payments. Write for list. Let us quote you a price. Allen & Gilbert-Hamaker Co., Portland, Oregon.

Oregon Herbs—Specific for all Kidney and Bladder troubles. Cures BACKACHE. Price 50c. Trial size sent by mail for 10c. In stamps. Send today. 290 1/2 Third St.

Human Hair Goods—Switches, Pompadours, Men's Toupees and Wigs; best quality; lowest prices; send for free price list; mail orders a specialty. Far's Hair Store, 808 Washington St. Est. 1888.

MALLEABLE IRON STUMP PULLERS
Fastest, lightest and strongest Stump Puller on the market. 119 Horse power on the sweep with two horses. Write for descriptive catalog and prices.

REBERSON MACHINERY CO.
Foot of Morrison Street Portland, Oregon

WANTED
A bright man with team in your county. Steady work and good wages to right man. References required. For particulars address
KOCH V. T. CO.
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18 YEARS HERE
And doing dental work all the time—that is the record of Dr. W. A. Wise. In our establishment are expert dentists who are competent to perform the most important dental operations. No matter the nature of the work, there is a man here to do it.

WISE BROS., DENTISTS
DR. H. A. STURDEVANT, Specialist on Children's Teeth and Regulating.
Falling Bldg., Third and Washington Sts. 8 a. m. to 9 p. m. Sundays 9 to 12. M. a. 2029
Work Done on Weekly and Monthly Payments

DR. W. A. WISE

DR. T. P. WISE

"First Aid" to the Bowels

Then he works them (through the nerves) till they get so strong from that Exercise that they don't need any more help to do their duty.

But Dr. Cascaret wants to bring on the spot, in your Pocket or Purse, where he can regulate these Bowel-Muscles all the time, in health, and out of health.

Because, even the strongest Bowel-Muscles may be overworked.

Heavy dinners, late suppers, whiskey, wine, or beer drinking, nervous excitement, sudden exposure to cold or heat and a dozen other every day likelihoods tire the Bowel Muscles.

In such cases a little Cascaret in time is worth fifty dollars worth of Treatment later on, to say nothing of the suffering, discomfort, loss of Business Energy, and loss of Social Sunshine it saves.

Old Dr. Cascaret carried constantly in your Vest Pocket, or in "My Lady's" Purse is the cheapest kind of Health-Insurance, and Happiness - Promotion, that ever happened.

Little thin enamel Cascaret Box, half as thick as your watch, round-cornered, smooth-edged, and shaped so you don't notice its presence.

Contains six Candy tablets—Price Ten Cents a Box at any Druggist's.

Be sure you get the genuine, made only by the Sterling Remedy Company, and never sold in bulk. Every tablet stamped "CCC."

FREE TO OUR FRIENDS!
We want to send to our friends a beautiful French-designed, GOLD-PLATED BONBON BOX, hard-enamelled in colors. It is a beauty for the dressing table. Ten cents in stamps is asked as a measure of good faith and to cover cost of Cascarets, with which this dainty trinket is loaded. 714 Send to-day, mentioning this paper. Address Sterling Remedy Company, Chicago or New York.

Dr. Cascaret guarantees to cure the most obstinate cases of Constipation and Indigestion, without discomfort or inconvenience.

His medicine does not gripe nor purge, nor create a drug habit.

Because it is not a "Bile-driver," nor a Gastro-Juice Waster, but a direct Tonic to the Bowel Muscles.

It exercises naturally the muscles that line the walls of the Intestines and Bowels.

Want of Exercise weakens and relaxes these Bowel-Muscles, just as it weakens Arm and Leg muscles.

Old Dr. Cascaret goes directly after these Bowel-Muscles. He wakes them up just as a cold bath would wake up a lazy person.

Nothing knocks out and disables like
ST. JACOBS OIL
Nothing reaches the trouble as quickly as
PRICE, 25c. AND 50c.