

POULTRY AND GAME
Can get you fancy prices for Wild Ducks and other game in season. Write us for cash offer on all kinds of poultry, pork, etc.
Pearson-Page Co., Portland

Machinery Second-Hand Machinery bought, sold and exchanged; engines, boilers, sawmills, etc. The J. E. Martin Co., 89 1/2 St. Portland. Send for Stock List and prices.

YOUNG MEN AND LADIES, become telegraph operators; easy to learn, steady work, short hours, fine opportunity to travel. Students assisted to good paying positions on railroads, steamships and in cities when qualified. Wireless and Morse telegraph courses taught quickly. Write for our free scholarship plans. Pacific Telegraph & Railway Institute, Washington Building, Seattle, Wash.

LIME FERTILIZER
Also Land Plaster, Lime, Cement, Wall Plaster and Shingles. Write for prices.
NOTTINGHAM & CO.
102 Front Street. PORTLAND, OR.

SAVE MIDDLEMAN'S PROFIT
of \$100 or more by buying your Piano or Player Piano direct from factory store.

BUSH & LANE PIANO COMPANY
355 Washington St., Portland, Or.

When in PORTLAND stop at
NEW SCOTT HOTEL
Large, light rooms; steam heat; big lobby; clean and orderly; close to business section; best place for family in city. ROOMS \$5 UP.
Seventh and Ankeny Streets
Convenient from All Depots by Streetcar.

TURKEYS WANTED

We want dressed Turkeys, Ducks and Geese for Thanksgiving trade. Write for our printed booklet on dressing and marketing to get highest prices. Write today. We also want Veal, Pork and all kinds of Live Poultry.
F. H. SCHMALZ & CO.
Paid-up Capital \$10,000.
141-143 Front Street Portland, Oregon

HOLMES BUSINESS COLLEGE
WASHINGTON AND TENTH STS. PORTLAND, OREGON
WRITE FOR CATALOG
The School that Places You in a Good Position

SALESMEN WANTED

To sell Trees for the oldest nursery on the Coast. Pioneers of 1849. Since 1863 at the present location. Three generations of growing trees. 420 acres. Commission paid weekly.

THE WOODBURN NURSERIES
F. W. SETTLER, Proprietor.
WOODBURN, OREGON

Teach Australian Boys to Farm. Australia has established a training school for boys who wish to become expert farmers, but who lack the means to obtain proper instruction.

"EAT HEARTY"

WRIGHT'S INDIAN VEGETABLE PILLS
A REAL VEGETABLE PURGATIVE
COMPOUND FOR THE
LIVER, BILIOUSNESS, COLIC, BRUISES, AND ALL THE LAZES OF THE LIVER.
RELIEVE DISTRESS AFTER EATING

Get Well and you can very easily



THE CHINESE DOCTOR

Both the American and the Chinese physicians use medicines made from plants and herbs. But the Chinese have extended their researches and use Roots, Herbs and Bark that have never been heard of in this country. And with these harmless and non-injurious remedies Dr. C. Gee Wo has cured hundreds of patients of all sorts of diseases and who had previously been taking the medicines prescribed by well known American physicians. He has testimonials from patients all over the northwest as to the fine results he obtained with the use of these nature remedies. Should you live out of town and wish to begin treatment, send 4 cents in stamps for a consultation blank and circulars.

Office open evenings and Sundays.
CONSULTATION FREE
The C. Gee Wo Chinese Medicine Co.
1624 First St. Cor. Morrison
PORTLAND, OR.

Aspen Best Wood for Matches.
Aspen wood is used almost exclusively in the manufacture of matches in Sweden, as it is easily cut and burns enough to be easily impregnated with sulphur or paraffin.

PISO'S REMEDY
Best Cough Syrup. Taste Good. Use in Home. Sold by Druggists.
FOR COUGHS AND COLDS

GOOD ROADS



MUDDY ROADS COSTLY

Little Dragging by Each Farmer Will Aid Materially.

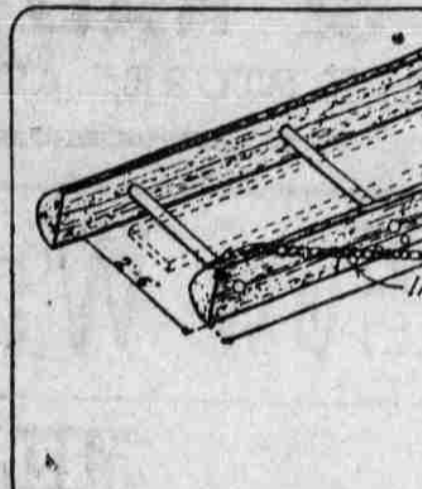
No Patent on Implement Invented by King, and Cost Varies From Nothing Up to \$250, Depending on Material That is Used.

(By F. D. COBURN, Secretary Kansas Board of Agriculture.)

Rough and muddy roads cost the average farmer more than his taxes. If each farmer will, at the proper times, do a little dragging on the road in front of his land, the state's bad roads will largely be made good roads.

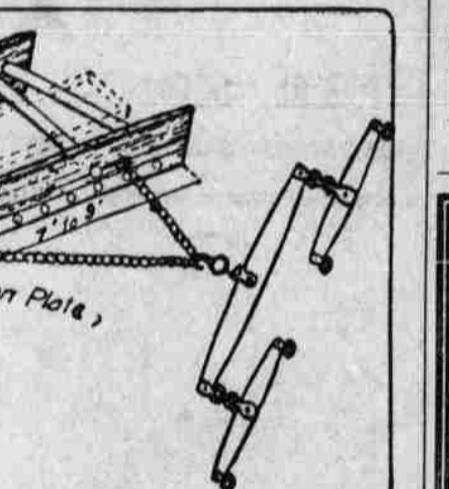
Try it for a year; get your neighbors to do the same; see how inexpensive and simple it is, and if it isn't one of the wisest investments you ever made.

This tells you how: The drag may be made of a log, say 8 feet long and 12 inches through, split in the middle, or of two pieces of any substantial



drag. The drag is run at an angle of 45 degrees, so that dirt will be thrown toward one side. The other end of the chain can be inserted and fastened in a hole in the face of the front slab near where the right-hand connecting piece comes through, as shown in the illustration. Shoe about four feet of the bottom edge (right-hand side) of the front slab with a piece of iron or steel, about three inches wide and a half-inch thick, with one edge sharp or beveled. Bolt it on securely, letting the sharp edge project about half an inch below the edge of the slab. This shoe will enable the drag better to shave the surface and cut down the hard ridges which are usually met with on roads that have not been kept smooth. A good drag will cost from almost nothing to \$250, depending on the material and construction, and last five or ten years. There is no patent on it, and anybody can make one.

Roads should be dragged ten or twelve times a year. The time is after each soaking rain, so that the drag will form a smooth surface. The dragging should be done when the soil is moist but not sticky. When the frost is leaving the ground is an excellent time to begin; the drag should be in use from then until winter. The work does not interfere with ordinary farming operations, as when it is the right time to drag, the soil is too wet or the conditions unsuited for most kinds of field work. It is difficult to invent a good excuse for not dragging. Used at the right time and with proper frequency, on practically all types of corn-belt soils and those of the clayey or rolling sections, the drag will make roads smooth, hard and convex; the three fundamental characteristics of an ideal dirt road. The process will form a sort of shell or



The King Road Drag.

wood, 2x8 inches, and the lighter the better. After the log is split, giving two flat-faced slabs, bore three two-inch holes in each slab as shown in the drawing, connect the slabs, facing the same direction, with the three stakes, or rounded 3x3s, long enough to leave 3 feet of space between the slabs after the connecting pieces have been driven into the holes. Two or three boards nailed together can be laid on these pieces, affording a loose platform for the driver to stand on. Use a chain or strong rope for attachment to the doubletree. Supposing the drag to face the west, and assuming that a chain is used, fasten one end of the chain to or around the left hand outside connecting brace, letting the chain pass over the top of the front slab. If attached to the face of the slab near the left hand end, the chain would interfere with the movement of dirt toward that end of the

causing over the surface which will shed water like a roof, and by distributing travel over the entire area, instead of confining it to the center, the shell will constantly increase in solidity. At the outset dragging cannot be done so rapidly as when the road has been shaped up by several sweeps of the drag; after this preliminary work, the job can be done in half the time originally required. Drive slowly. Any boy and farm team can operate the drag and will learn at every dragging for years how to get better results from it.

If you don't want to attend to dragging your own part of the road, chip in a trifle with others and hire some neighbor who will work regularly and at the proper times. Don't be disturbed if your road doesn't keep perfect in the first year. Keep everlastingly at it, and later on you will be glad.

SIMMONS' ROAD BILL PASSED

North Carolina Senator Makes Name for Himself by Securing Appropriation From Government.

In the dying hours of the congress just closed Senator Simmons of North Carolina made a name for himself as the father of the first appropriation for road building by the federal government that has been made since Henry Clay made his successful fight for the building of the old Cumberland road. Senator Simmons' bill provides for the expenditure of only \$500,000, and that for experimental work; but the fee has been broken now, and the advocates of national highways constructed by the national government have taken new courage. The bill provides for every dollar expended in any community by the federal government the local authorities shall put up two, so, while the actual appropriation is only five hundred thousand, the bill will cause to be expended on the roads of the country a million and a half; it is further stipulated that every cent of the money shall be spent under the direction of engineers from the United States office of public roads, thus eliminating the possibility of local graft. The information that the national government has at last made a direct appropriation for road-building outside of federal cemeteries, national parks and army posts comes to the advocates of good roads as the best news they have heard in many years; the appropriation is not much, it is true, but road-workers will insist that it is the first ray of light that presages the approach of dawn. National highways are coming, and coming soon.

Good Roads.
Good roads are essential to the success of the farmer the world over. Poor roads are very costly, they cause the speedy wearing out of wagons, the loss of animals and the failure to market crops profitably. Good roads mean a great ease in marketing, longer wear of farm wagons, more profit and more comfort. Good roads are not expensive; all roads can be improved at small cost in money, time and labor.

Feed for Pigs.
Six pounds of skim milk to two pounds of cornmeal makes an economical feeding ratio for growing pigs. A 100-pound sow will make very satisfactory gains on two such feeds a day. Eight pounds of skim milk make a gallon.

Feeding Corn Chop.
Stock are liable to swallow crushed corn and other fine rations too quickly for it to be thoroughly masticated. Therefore, break up an ear or two of corn to feed with the chop.

Food for Poultry.

Poultry food should be palatable. Some grains are the favorite food of chickens, while others are not. Rye may be fed, but it is not generally liked by poultry, and should never be made the principal feed. It may be used in a mixture with other grains, and will be eaten by the flock. Relish is one of the factors of proper feeding.

Food should be varied. The best commercial poultry foods on the market are combinations of the common farm grains. There are varying amounts of each, according to nutritive value and cheapness—wheat, oats, corn, barley, rye, millet, sunflower-seeds, peas, buckwheat, sunflower-seeds and grasses. With these are combined grit, shells and charcoal. These foods produce good results, mainly because of the variety. With a little instruction, one could make such a combination for the flock of grains on the farm.

Value of Good Roads.
Three years ago the farmers of Spottsylvania county, Virginia, spent \$100,000 on good roads. Here is how the value of farm lands increased as a result:

Owner.	Acres.	Price, 1911.	Price, 1914.
George B. Shay	139	\$3,500	\$5,000
Susan M. Aloop	49	6,000	8,250
Tommy Todd	119	1,500	2,200
Mrs. Edgar Wallace	43	5,000	12,200
Thomas J. Price	37	2,800	4,400
William Thorburn	128	3,000	10,000

The Sheep Yard.
The sheep yard must be the best drained spot on the farm. The top of a dry knoll from which the water drains in every direction is most suitable. One special need of sheep is pure air. This is to be supplied in the winter sheds by due ventilation. A few ventilators in the upper part of the sheds will secure this.

Weaning Pigs.
When the time comes to wean the pigs cut down the sow's ration of water and hay. She will then dry up without injuring her udder. When she is giving a large supply of milk, and all the pigs are taken away at once, the udder is often ruined and she becomes unable to suckle another litter.

Oats and Wheat on the Hoof.
Buy some livestock. It will be growing while you sleep. It will also be increasing in value and increasing your crops in value at the same time. Oats and wheat on the hoof are worth considerably more than oats in the sheaf or in the bag.

The Manure Spreader.
One valuable lesson the manure spreader has taught is the use of small quantities applied frequently. It makes possible what can be, but is seldom done—light application.

YOU'RE "All to the Good"

when the appetite is keen and your digestion perfect;

but what a difference when the stomach "goes back" on you, when the liver becomes lazy and the bowels clogged. In such cases you need

HOSTETTER'S Stomach Bitters

right away. It really does the work. All Druggists.

NEW PERKINS HOTEL



NOTE REDUCED RATES Most Centrally Located

Make Money Act as Our Agent

and at the same time get your own Piano at factory cost. We are the only wholesale Piano house west of the Mississippi, and sell by mail in place of using expensive travelers. Write at once for full details. You save big money on your own purchase and can make splendid profit selling to your friends. No experience necessary.

RAMAKER BROS. CO.
1627-29-31 Third Avenue SEATTLE

Caution.
"Shall I empty your wastebasket?" asked the janitor. "It is brimful of correspondence." "No," answered the man who is combining politics with high finance. "Just hand me my bonds and stock certificates and I'll stuff 'em in some pigeonhole so that you can lock the waste-basket in the safe."

Willing Panhandler.
Archbishop Ryan, of Philadelphia, was accosted one day by a drunken panhandler, who asked for a dime. The archbishop gave him the dime and said: "My friend, don't you think it would be possible for you to walk in the straight and narrow path?" The panhandler straightened up. "Who? me?" he asked. "Show it to me. I used to be a tight-rope walker."—Saturday Evening Post.

Truest Moments.
Count always your highest moments your truest moments. Believe that, in the time when you were the greatest and most spiritual man or woman, then you were your truest self.—John Wesley.

Woman and Suffrage.
If a woman demands votes, offices and political equality with men, as among the Shakers an elder and elders are of equal power—and among the Quakers—it must not be refused. It is very cheap wit that finds it so droll that woman should vote.—Ralph Waldo Emerson.

Their Ill Success.
Chicago doctor opines that the average woman loves a cave man. But most of them have to be content with flat dwellers.

Small Eggs of Silkworm.
The egg from which the silkworm comes is so small that it takes one hundred of them to weigh a grain.

Want Long Hair?

And you would like long hair? Rich, heavy hair? Beautiful, luxuriant hair? That is perfectly natural, and we are here to help you. Ayer's Hair Vigor is a great aid to nature in producing just the kind of hair you desire. Do not be afraid to use it. No danger of its coloring your hair. The ingredients are all given on each label, thus enabling your doctor to wisely advise you concerning its use. Consult him freely. He knows.

Beauty in Expression.
If the great number of women who believe that they are sadly lacking in beauty who pass valuable time and money in vainly trying to acquire it could be brought to realize that the highest form of beauty is that of expression! This is attained by the possession of inward graces, which frequently transform a so-called plain face into one more beautiful and winning than the combination of a perfect complexion and regular features.

You Can Get Allen's Foot-Powder FREE.
Write Allen E. Olmsted, Le Roy, N. Y., for a free sample of Allen's Foot-Powder. It cures sweating, hot swollen, itching feet. It makes new or tight shoes easy. A certain cure for corns, ingrowing nails and bunions. All druggists sell it. Don't accept any substitute.

Simple Club Doings.
While Mrs. W. was busy in her kitchen preparing the light refreshments for her bridge club, which includes the more well-to-do of the neighborhood, Sally Hill, a poor farmer's child, came in with a donation of home-made pickles. "My mother belongs to a club, too," said Sally. "Does she?" "No," "Sew?" "Oh, no; they just draw names out of a hat to see who'll have the next meeting."

Water in bluing is adulteration. Glass and water make liquid blue costly. Buy Red Cross Ball Blue, makes clothes whiter than snow.

Should Have Some Superstition.
We would not give a rap for the person who is without all superstition. We would a little bit prefer the man whose superstitions are pessimistic to the one who is so exceedingly superior as to think there is no luck in life, no favor nor disaster in anything that may happen or in any circumstance that may surround our lives.—Exchange.

Origin of Popular Saying.
The origin of the saying that it takes nine tailors to make a man is said by some to be a corruption of "nine tellers make a man," the "tellers" being another name for "tollers" of a bell. The English custom was to strike three times three tolls or "tellers" on the passing bell for the death of a man. It was three times two for a woman.

Two-Edged Sword.
Curiosity is finding out something about somebody else that doesn't concern you and which would make you mighty mad if somebody else found it out about you when it didn't concern somebody else.—Milwaukee Sentinel.

Woman of Narrow Mind.
A woman lacking true culture is said to betray by conversation a mind of narrow compass, as the "teller" north by her servants, on the east by her children, on the south by her ailments, and on the west by her clothes.—Burton Kingsland.

Locusts Blinded Aviator.
A Spanish aviator nearly lost his life by colliding with a swarm of locusts. He was flying at a height of 60 feet when he ran into the swarm, which so blinded him that he lost control of the machine.

Delicately Expressed.
Little Bobby had been eating rasp-berry pie and had left the marks of it at both sides of his mouth, when a little friend of three came in and said to Bobbie's mother: "Mrs. C., can I have some of what Bobbie's got on his face?"

A La Batrachian.
A frog, credited with being 100 years old, was presented to the New York aquarium, where he is expected to remain until he croaks.

The Ginger Man.
Sometimes the weather puts ginger into some men. Then there is a kind of man that all the time puts ginger into everybody around him. Nobody in this old world is more useful to it than the chap who gives his fellow men shots of ginger in all kinds of weather.

Rheumatism Neuralgia Sprains

Miss C. MARONEY, of 408 E. St. W., Washington, D. C., writes: "I suffered with rheumatism for five years and I have just got hold of your Liniment and it has done me so much good. My knees do not pain and the swelling has gone."

Quiets the Nerves
Mrs. A. WINDHAM, of 408 Thompson St., Maryville, Mo., writes:—"The nerve in my leg was destroyed five years ago and left me with a jerking at night so that I could not sleep. A friend told me to try your Liniment and now I could not do without it. I find after its use I can sleep."

SLOAN'S LINIMENT



Dr. Earl S. Sloan, Boston, Mass.



"Real Fisherman's Luck for Duke's Mixture Smokers"

Good tobacco and a good reel! That's surely a lucky combination for the angler—and here's the way you can have them both.

Liggett & Myers Duke's Mixture

All smokers should know Duke's Mixture made by Liggett & Myers at Durham, N. C. Pay what you will, you cannot get better granulated tobacco for 5¢ than the big ounce and a half sack of Duke's Mixture. And with each of these big sacks you get a book of cigarette papers FREE.

Get a Good Fishing Reel Free
by saving the Coupons now packed in Liggett & Myers Duke's Mixture. Or, if you don't want a reel—get any one of the hundreds of other articles. In the list you will find something for every member of the family. Pipes, cigarette cases, catcher's gloves, cameras, watches, toilet articles, etc.

These handsome presents cost you nothing—not one cent. They simply express our appreciation of your patronage.

Remember—you still get the same big one and a half ounce sack for 5¢ enough to roll many cigarettes.

During November and December only, we will send our new illustrated catalogue of presents FREE. Simply send us your name and address.



Coupons from Duke's Mixture may be secured with tags from HORSE SHOE, A. T. TINSLEY'S NATURAL LEAF GRANGER TWIST, CIGARETTES from FOUR ROSES (Double Double), THE BIG CUT, PIEDMONT CIGARETTES, CLIX CIGARETTES, and other tags or coupons issued by us.

Premium Dept.
Liggett & Myers Tobacco Co.
St. Louis, Mo.

African Ants.
These insects sometimes set forward in such multitudes that the whole earth seems to be in motion. A corps of them once was seen to attack and cover an elephant quietly feeding in a pasture. In eight hours of that enormous animal completely picked. The business was done, and the enemy marched on after fresh prey. Such power have the smallest creatures acting in concert.

Must Be Warned.
The Prussian building code has just received a rather remarkable amendment. It provides that the huts for the use of laborers connected with building operations must be suitably warmed between November 1 and April 1—when the outside temperature reaches fourteen degrees, that is, eighteen below freezing.

Fleeing Shade.
"By jove, I am glad to see you looking so gay and festive!" said Mr. Olde Friend. "You were all in black the last time I saw you." "Yes," demurely replied Mrs. Brown, who had just taken a second husband; "but it wasn't a fast black."—Judge.

Different Kind.
Wife (anxiously)—I do wish you were in some other work, dear. I am in constant fear that you will touch a charged wire at the shop." Hub—"Oh, the charged wire at the shop doesn't bother me; what I have more dread about is the charged account at the store."

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

Up-to-Date Cookery.
Harassed Prisoner—"Pray, great chief, why do you keep your servant tied up so long?" Cannibal King—"A thousand pardons, dear missionary, but we are waiting for the consignment of paper bags from Sidney."—Sydney Bulletin.

Pettit's Eye Salve SMARTING SORE LIDS

Surely Justified.
Lady Motorist—"Oh, Mr. Policeman, when I tell you why I speeded you'll let me go." Officer—"Why were you speeding?" Lady Motorist—"I was trying to catch up to that car ahead to see how the lady had her hat trimmed."—New York Globe.

Some Loss.
"Did you lose much in that bank failure, Jim?" asked Hawkins. "I should say I did," said Slabside. "I had an overdraft of a hundred and sixty dollars in that bank, and gee! how I had to hustle to make good!"—Harper's Weekly.

Ideal Teacher.
Blessed is the teacher who is not wasteful of words, who is not wasteful of time, who is not wasteful of opportunities, but who is wasteful of smiles.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors silk, wool and cotton equally well and is guaranteed to give perfect results. Ask Dealer, or we will send postpaid at 10c a package. Write for free booklet how to dye, bleach and mix colors.

MONROE DRUG COMPANY, Quincy, Illinois.