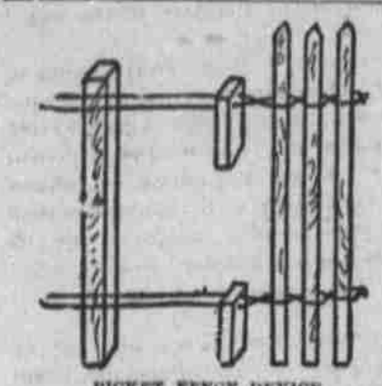
Picket Fence Device.

A simple effective plan for building a picket and wire fence without a machine is suggested by G. C. Schneider, of Ava, Mo. He says:

A device which will answer the purpose of a fence machine is made as follows: Take pieces of 2x4 a foot or so long, bore two small holes near the end of each, put the wires through these holes and fasten to post where you wish to begin. Then stretch your wire and staple to post some distance ahead, leaving the staples loose enough so the wire will slip when it is drawn tight. Let eight or ten feet of wire extend beyond the post and to those fasten heavy weights to keep the



PICKET FENCE DEVICE.

wire tight. Put a picket between the wires and turn the blocks over as often as you wish to twist the wire between each picket; then put in another picket and twist the other way, etc. To preserve posts, mix pulverized charcoal in boiled linseed oil to the consistency of paint and apply with a brush.

Grinding Corn for Swine.

We believe in feeding swine so that they will have something to keep them busy as well as for the best results to be obtained from the grain, so we feed the corn whole and usually on the cob until it gets hard and flinty, when it is either shelled and soaked a little to soften it or soaked on the cob. All other grains are ground because it has been demonstrated that the smaller grains go through the animals and do them but little good. Carrying out the plan of keeping the swine busy, we always have something for them to chew on—cornstalks, squares of sod, apples, potatoes and other vegetables, and we do not see that they take on fat any slower because of this plan of feeding. Pure water is given them in clean troughs twice a day during the winter and we know they thrive better for having it.—Exchange.

Loading Corn Fodder.

Loading corn fodder may not be very hard work to the small farmer, but when one has the product of many acres to load it becomes a formidable operation. The work can be much more easily done if the following device is used: Make a loader by using a two-inch plank ten feet long with cleats of inch stuff nailed on one side at short intervals. At one end nail a cleat on the under side, which will be three inches wider than the board on each side. Tie small ropes to this cleat and with them fasten the rack to the back part of the wagon rack, the lower end of the plank-rack resting on the ground.

This makes a stepladder up which it is easy to walk and if strongly made a man can readily carry up it all he can get his arm around. With this plan one man can do the work of loading a wagon easily without spending the

FOR LOADING CORN FODDER.

time necessary to bind the bundles. The illustration shows how easily the ladder can be made.—Indianapolis News.

Run Farms by Electricity.

The Fort Wayne and Wabash Valley Traction Line, operating eighty miles of interurban road in Indiana, has sent to farmers living along the line an offer to furnish power to run the machinery on their farms. Gasoline and steam engines are used extensively, but corn shelling, feed cutting and other work is also done by hand, and the company proposes to furnish dynamos and build a line for a distance of one mile on each side of the track at cost if farmers will agree to pay a reasonable sum for current. The farmers generally seem to favor the project.

Cost of Silage.

We have from time to time laid before our readers the cost of putting corn in the silo, says Farmers' Tribune. Some men are able to grow the corn at a cost of about 50 cents per ton of green matter. They are able to put it in the silo for another 50 cents, making the total cost of the silage in the silo approximately $1 per ton. Sometimes the cost goes as high as $1.50, sometimes even higher.

Sam Schilling, who is manager of Joel Pheatwole's heard at Northfield, Minn., kept an accurate record of the cost of putting sixteen acres of corn in his silo last year and these figures were given before the Minnesota Butter Makers' Association this spring by Mr. Schilling. They are as follows:

16 acres corn at $8	$128 00
Cost of cutting, $1 per acre	16 00
Two men loading five days	15 00
Two men in silo	15 00
Four teams hauling five days	60 00
Engine five days and man	25 00
Fuel for engine	16 00
One man to feed machine	10 00
Cost of 200 tons silage	$285 00
Cost per ton of silage	1 42½

The average yield per acre in this instance was 12.5 tons of green corn. The cost of the ensilage, including the raising, which was estimated at $8 per acre, was a little high. Consulting the table, however, it will be seen that it required four teams hauling for five days top draw the corn to the silo per day. This means that the silage had to be drawn from some distance or more could have been hauled, but even at $1.50 per ton silage is a very cheap food.

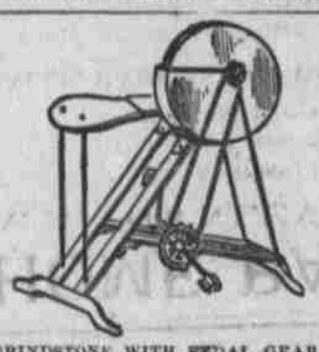
Fall Mulching of Trees.

If it is thought necessary to apply mulch around the base of trees or shrubs as a winter protection care must be used not to do the work too soon, particularly if anything in the nature of a fertilizer is used, such as coarse stable manure, for there is always danger of inciting renewed growth in the tree, just as it is beginning to go to sleep for the winter, and this growth, being extremely tender, will be killed by the first cold weather, probably with much injury to the tree. A better plan is not to apply the mulch until the ground freezes, applying more, if necessary, later on.

By far the best plan of all is to use earth with which to protect the roots of the tree or shrub during the first cold days; put it on several inches thick for three feet around the tree. Later, if it gets too cold, a little coarse manure may be put on over the soil. By this plan the tree or shrub will have full protection without danger of inciting a late growth.

A Good Grindstone.

A grindstone to turn with bicycle gear can be made after this cut, writes W. D. Watkins, of Athens, Ohio. Take sprocket wheels and chain off an old



GRINDSTONE WITH PEDAL GEAR.

binder or dropper. Gear so that stone will turn two revolutions to one of crank. You can grind anything on it with great speed.

Water Basin for Chicks.

Take a basin that will hold about two quarts of water and fill it with pebbles a little smaller than eggs. When level full of the pebbles, pour in the water until the spaces between them are full. Sink the basin in the ground until the rim is an inch above the surface. The chicks can run all over this, stepping on the pebbles and can drink the water without getting wet. We have used such a fountain for years with perfect success. It is easy to clean, keeps the water cool for several hours and protects the chicks from getting wet all over, as they cannot crowd each other into the water, no matter how much they try to do so. —Cor. American Stock Keeper.

Trenching.

Remove the top soil from a strip one yard wide and a foot deep; then spade the subsoil well and spread plenty of manure over it; throw the top soil from the next row on the surface soil of the first and sow for seed until the whole plot has been trenched. It will produce heavy crops for several years.

Plowing the Garden.

If the garden is thoroughly underdrained, as it always should be, it should be fall plowed in ridges and the surface left rough, so as to expose the soil as much as possible to freezing. This is the more necessary because the garden is always a sheltered spot, where snow lies much of the winter, so that there are few times when the soil freezes very deeply. The garden is always the richest spot on the farm. It often is heavy with manure and needs the winter's freezing to lighten the soil and make its fertility more available.

A Doctor's Medicine

Ayer's Cherry Pectoral is not a simple cough syrup. It is a strong medicine, a doctor's medicine. It cures hard cases, severe and desperate cases, chronic cases of asthma, pleurisy, bronchitis, consumption. Ask your doctor about this.

"I have used a great deal of Ayer's Cherry Pectoral for coughs and hard colds on the chest. It has always done me great good. It is certainly a most wonderful cough medicine."—MICHAEL J. FITZGERALD, Medford, N. J.

Made by J. C. Ayer Co., Lowell, Mass. Also manufacturers of

Ayer's SARSAPARILLA. PILLS. HAIR VIGOR.

You will hasten recovery by taking one of Ayer's Pills at bedtime.

Just Like a Woman.

"John, a peddler came around today selling stove polish. He was a very agreeable gentleman. Why, he talked so pleasantly about the weather."

"You don't say, Maria?"

"Yes, and I bought a package. Then he complimented the baby and I bought another package."

"H'm!"

"Presently he said our vestibule was kept in better order than any in the neighborhood and then I bought another package."

"Great Scott!"

"Before he left he said he thought I was your daughter instead of being old enough to be your wife. Then I bought three additional packages. Oh, it don't do any harm to encourage a real gentleman when you meet one."

Well Parried.

"What passed between yourself and the complainant?" inquired the magistrate in a county court. "I think, sor," replied the worthy Mr. O'Brien, "a half dozen bricks and a lump of paving stone." In "Irish Life and Humor" Mr. William Harvey gives another anecdote of the Irishman's readiness in the court of law.

"Now, Pat," said a magistrate to an old offender, "what brought you here again?"

"Two policemen, sor," was the laconic reply.

"Drunk, I suppose?" queried the magistrate.

"Yes, sor," said Pat, "both av thim."

The central markets of Paris use more than $60,000 worth of baskets every year.

On the occasion of a cyclist's wedding at Epping, near London, the other day the bride and bridegroom rode to church on single machines and returned on a tandem.

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

The International Telegraph Construction Company has submitted a scheme to the Postmaster General of Australia for the erection of wireless telegraph stations linking New Zealand and Australia direct.

$100 Reward, $100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials.

Address, F. J. CHENEY & CO., Toledo, O.
Sold by druggists, 75c.
Hall's Family Pills are the best.

Got It from Her.

"Your husband," said the talkative man, "has such a mild disposition. I suppose he inherited it from his mother."

"No," replied Mrs. Henpeck, with set jaw, "I think I can safely say it was part of my dowry."—Philadelphia Press.

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.

Easily Explained.

"Who is that man all the women are idolizing?"

"That is a doctor from another town."

"But there are doctors around here who are much better known."

"Sh! This chap is a 'beauty doctor.'"

Piso's Cure is a remedy for coughs, colds and consumption. Try it. Price 25 cents, at druggists.

Not an Index of Power.

Young Mr. Whimper, who had a worthy ambition for public office, had closed his canvass of his native State. He felt sure of his nomination, and was waiting, in good spirits, at his father's fireside to receive it.

He had been asked to tell his experiences as a "spellbinder," and had willingly consented.

"But, on the whole," was his modest conclusion, "I was rather successful. And what gratified me particularly was that in the places where I was least known I met with the warmest reception."

It was several seconds before Mr. Whimper understood why his father and the girls laughed, and even his mother smiled.

25 CTS. PISO'S CURE FOR CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. CONSUMPTION 25 CTS.

Business EDUCATION

Clip this out, return to us with the names and addresses of yourself and two of your friends, and the date when you will probably enter a business college, and we will credit you with $5.00 on our $65.00 scholarship. Our school offers exceptional advantages to students of Business, Shorthand, English, etc.

BEST INSTRUCTION—LOWEST TUITION
WRITE FOR CATALOGUE 19—IT'S FREE

THE MULTNOMAH BUSINESS INSTITUTE
M. A. ALBIN, PRES.
86 SIXTH ST. PORTLAND, ORE.

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. BOSTON, U.S.A.
TOWER CANADIAN CO., Limited TORONTO, CANADA

The Sign of the Fish TOWER'S FISH BRAND

$1,000 To Be Given for Reliable Information

We will give *One Dollar for a Postal Card* giving the first reliable news of a chance to sell a horizontal steam engine of our styles, within our range of sizes. We do not want inquiries at this time for vertical, traction or gas engines.

ATLAS ENGINES AND BOILERS

have for years been the standard for all steam plants. Best of material and workmanship. Our big output enables us to sell on small profits. An Atlas, the best in the world, costs no more than the other kind.

Write today for our special offer.

ATLAS ENGINE WORKS
Selling agencies in all cities INDIANAPOLIS

Corliss Engines High Speed Engines Water Tube Boilers
Four Valve Engines Compound Engines Tubular Boilers
Automatic Engines Throttling Engines Portable Boilers

Atlas Engines in service 2,000,000 H. P.
Atlas Boilers in service 4,000,000 H. P.

P. N. U. No. 46—1905

WHEN writing to advertisers please mention this paper.

THE LAXATIVE OF KNOWN QUALITY

There are two classes of remedies: those of known quality and which are permanently beneficial in effect, acting gently, in harmony with nature, when nature needs assistance; and another class, composed of preparations of unknown, uncertain and inferior character, acting temporarily, but injuriously, as a result of forcing the natural functions unnecessarily. One of the most exceptional of the remedies of known quality and excellence is the ever pleasant Syrup of Figs, manufactured by the California Fig Syrup Co., which represents the active principles of plants, known to act most beneficially, in a pleasant syrup, in which the wholesome Californian blue figs are used to contribute their rich, yet delicate, fruity flavor. It is the remedy of all remedies to sweeten and refresh and cleanse the system gently and naturally, and to assist one in overcoming constipation and the many ills resulting therefrom. Its active principles and quality are known to physicians generally, and the remedy has therefore met with their approval, as well as with the favor of many millions of well informed persons who know of their own personal knowledge and from actual experience that it is a most excellent laxative remedy. We do not claim that it will cure all manner of ills, but recommend it for what it really represents, a laxative remedy of known quality and excellence, containing nothing of an objectionable or injurious character.

There are two classes of purchasers: those who are informed as to the quality of what they buy and the reasons for the excellence of articles of exceptional merit, and who do not lack courage to go elsewhere when a dealer offers an imitation of any well known article; but, unfortunately, there are some people who do not know, and who allow themselves to be imposed upon. They cannot expect its beneficial effects if they do not get the genuine remedy.

To the credit of the druggists of the United States be it said that nearly all of them value their reputation for professional integrity and the good will of their customers too highly to offer imitations of the

Genuine—Syrup of Figs

manufactured by the California Fig Syrup Co., and in order to buy the genuine article and to get its beneficial effects, one has only to note, when purchasing, the full name of the Company—California Fig Syrup Co.—plainly printed on the front of every package. Price, 50c per bottle. One size only.