CORN HARVESTERS.

A Homemade Machine That Will Cut About Five Acres Per Day.

Notwithstanding the fact that there are now on the market corn harvesters and binders, the average farmer will for many reasons find himself at harvesting time without one of these patented machines. If he has much corn to cut, he may welcome the following concerning a homemade cutter from an Iowa correspecident of Farm, Field and Fireside.

We made one out of material on the place, and it does as good work as one that costs \$20. Make a pair of runners out of 2 by 6 scantling or anything that will make a good water sled. The runners must be about 6 inches high at least-higher if your corn is tall and straight. Cut them about six feet long. Now nail three 4 foot strips across the top-fence boards will do. Do not make it any narrower than four feet. Next cover this with boards, making a tight floor. Place the front crosspiece at least two feet from front of runners. Bore holes in front end of runners to hitch

Team must be hitched at least five feet from knife. Use a chain or smooth wire to fasten singletree to runners. Singletrees must be short ones. If you have a driver, it will have to be a man who can hold the lines out of the way of the operator, or a boy can ride. Now for the knives. Take two stack cutter knives; have them thin and sharp-not too thin, or they will turn on the edge. Make a hole in the center of the first erosspiece near the front edge. Bolt your knives firmly to this; then fasten he other ends to the runners. Give the knives slant enough to cut well. Be sure the knives fit closely at the intersection. Or if you wish to have a knife of one piece you can do so, but give it shart enough. See that the intersection he shouted: of the knives is at least two or more inches from front end of platform, or it will not always cut.

Place a seat to the right side of your platform near the front, so that you can reach the corn easily. Place a guard or brace for your feet. If you slip off in front, you are a goner sure. To keep your horse from backing into it while turning do not turn short; take a land. Drive a short rod in each runner in front ed way to liberate their mistress and of the knives, bore holes in a piece of timber and place it on these rods in front of the knives. When your horse backs on to this, he is safe. Place two removable standards on the left side to keep fodder from falling off. Take a likewise established the identity of the rope about ten feet long, fasten ends on mischief maker.—New York Herald.

left side and lay it over platform.

Hitch up and start. If it does not go to suit you, don't give up. You will have to get used to it. The operator reaches out and holds the corn against the knife, and as it cuts throws it back. When full, draw your standard, pull your rope and dump your load, or you can hold it in one arm till full; then get off and set up. Be very careful with the machines. They are very dangerous to operate if you are careless.

> Home nade Corn Tie.

A New York farmer, writing to Rural New Yorker, tells of a device for binding corn in shocks which he has found to be much quicker and better than to use stalks. He says:

Take old elm barrel staves, cut them into four or five inch lengths and split them 1½ inch wide. With a circular saw cut them diagonally near each end one-half or three-quarters of an inch. These fasteners can be made very fast, as no guide is needed. To use them put a quantity of them in a half bushel basket, a ball of binding twine and a knife. Wind the end of the twine once around the fastener in the notch, pass around the shock and draw it as hard as necessary. Wind the twine once around through the notch and cut it off. It is advisable to wear a glove on the right hand, as the twine will make it tender after a day or so. A man can bind a shock in this way much tighter and quicker than he can select the stalks for a band. Then if the corn is drawn in the barn for husking unwind one end, draw up the twine, and the shock is again snug and tight and can be husked without unbinding if desired. These pieces could be ripped from the edge of any tough 11/2 inch lumber and made for a trifle at any shop, but any one having a foot power saw can make enough in two hours for ten acres of corn. When the stalks are fed, it is very easy to save the ties for another year.

When to Sow Crimson Clover.

According to rules laid down by an agricultural writer in The American Cultivator, crimson clover ought to be sown broadcast at the rate of 12 to 15 pounds per acre in the north from July 15 to Oct. 15, in the northern tier of southern states until Oct. 15 and in the extreme south until the end of November. It grows during the fall and spring months and can be seeded among growing corn after the last working or on clean stubble, in tomato fields, among grapes, tobacco, etc., and will take root without being raked in or covered with soil. If the ground is moist, it spreads very rapidly. Probably the best way of seeding is to prepare the ground as for any other crop and lightly harrow in and roll the soil.

Corn For Fodder,

The Illinois experiment station some years ago made numerous experiments to determine the comparative merits of thick and thin planting of corn, and the conclusion reached was that the thicker the planting within reasonable limits the greater the amount of fodder, but that there was very little difference in the value of both combined. If the object is to get a liberal supply of fodder without much reference to ears, thick planting is advised.

ALBERT EDWARD'S EXPENSIVE JOKE

How He Smashed the Crockery and Furniture of an Elderly Countess.

well known.

house of one of the lesser members of the nobility. A rather elderly countess whose quick temper and sharp tongue drove even her servants away from her advertised for a footman. The prince, to whose ears tales of the peculiarities of the old lady had come, resolved to teach her a lesson. He therefore presented himself in disguise at her ladyship's house and applied for the position of footman.

The countess had just finished her breakfast, and pushing her chair back from the table instructed the servant to Norice is HERERY GIVEN, THAT THE

and walked backward and forward several times across the floor from one end of the room to the other, now walking briskly at the request of the old lady and then pacing slowly, as she wished

to obtain points on this score.

This performance over, the countess ordered him to trot. The dining room still the theater of action, the prince trotted around it several times. When this exercise was completed, he again came to a standstill near the head of the table, where the countess was seated. Her ladyship seemed pleased and was Her ladyship seemed pleased and was just on the point of asking the young man some questions about himself when

"Now see me gallop!" Grasping a corner of the tablecloth firmly in one hand, the prince rushed around the room, pulling the crockery off on the floor in a heap, knocking over is the the furniture and finally winding her ladyship up in the folds of the cloth. He then bolted for the door, leaving the countess sputtering and shouting and the servants running about in a distractquiet her rage.

very amusing. An observant country our Treatise on Blood and Skie Diseases smalled free to any address. SWIFT SPECIFIC CO., Atlanta, Ga. toy can give you more reliable information in half an hour than many of the writers who are accepted as authority. Two examples of the fallacies of the latter have been going the rounds. One was an article on the cricket, which was described as a very dainty insect with a delicate appetite. There is in reality but one that is more vorac and that is the cockroach. The cricket has a robust taste for almost anything. especially farinaceous matter, and it is very destructive to clothing. A housekeeper had her lace curtains eaten up, and the writer remembers once visiting in a house where the wells had been ceiled and papered. The paper hung loose here and there, due to the crickets that gnawed through to get at the paste that had been used by the paper hangers.

Another story was of the marvelons self control of a man who discovered that a black snake had concealed itself in the pocket of his coat, which he had thrown aside in the field and donned again, very stupidly, without discovering the reptile. This of itself was surprising, as it is generally from four to five feet in length and and weighs several pounds. The black snake of the northern middle states is as harmless as the toad, and, moreover, is extremely cowardly. Its greatest fault is its destructiveness of young birds-the broods of those species which nest in low shrubs or upon the ground. But a man might carry one in each pocket and come to no harm, if his pockets were large enough and if he did not have the inherent animosity of mankind toward reptiles. - Chicago Inter Ocean.

Humming Birds and Flowers.

It has long been known that insects assist plants by carrying the fertilizing pollen from flower to flower, but the fact has only recently been prominently brought forward that humming birds are just as effective distributors of pollen as insects are.

It has been shown that these little birds, which are as fond as bees of the honey of flowers, carry the pollen grains in great quantity, not only on their feathers, but on their long bills also. Indeed, so well suited is the humming bird to do this work of distribution, without any intention of its own, that the question has been raised whether it may not be the most beneficent of all the unconscious friends that the flowers have in the animal world .-- Youth's Companion.

Voluminous.

A Philadelphia lawyer said a very bright thing the other day. He was seated with a group of friends, and they were discussing in a desaltory way the leading topics of the day. One of the parties present Mr. ---, persisted in monopolizing more than his share of the conversation, and his views did not at all accord with those of the lawyer. As the men separated one of them said to the lawyer.

"That -- knows a good deal, doesn't

"Yes," replied the lawyer; "he knows entirely too much for one man; he onght to be incorporated."—Green Rag. and Alder, Portland, Oregon.

Knigats of the Maccal es.

The state commander writes us from TO Lincoln, Feb., as follows: "After trying Albert Edward, prince of Wales, is other medicines for what seemed to be perhaps the most popular man in Eng- a very obstinate cough in our wo childland. This popularity is due to his love ren we tried Dr. King's New Discovery of sports and all manly traits which are and at the end of two days the cough HOME particularly commendable in the eyes of entirely left them. We will not be withthe average Britisher. As a youth his out it hereafter, as our experience proves audacity and appreciation of a joke, that it cures where all other remedies ofther as a perpetrator or victim, were fails,"-Signed F. W. Stevens, State One of his early escapades resulted in a trial, as it is guaranteed and trial botcom,-why not give this great medicine her majesty the queen footing a bill for broken crockery and wrecked furniture which the young prince caused in the size 50c. and \$1.

> Ladies-Dr. Sawyer's Pastilles are effectual for female weakness, pain on top of the bead and lower part of the back. It strengthens and cures. Sold by Geo. A. Harding

NOTICE OF FINAL SETTLEMENT. In the County Court of the State of Oregon, for the County of Clacksmas. In the matter of the estate of Carl Heiser de

Cessed. To whom it may Concern: from the table instructed the servant to bring before her the applicant. The prince was thereupon ushered into the room. The countess looked him over from his feet up.

Apparently pleased with the appearance of the prince, she said, "Let me see you walk."

Albert Edward did as commanded and walked backward and forward sev-

NOTICE OF FINAL SEITLEMENT. In the County Court of the State of Oregon for Clackames County,

In the matter of the estate of H. C. Hingo, de-

In the hubbub and confusion the prince escaped. The next day a check from the keeper of the privy purse settled the amount of the damages and likewise established the identity of the mischief maker.—New York Herald.

Some Everyday Mistakes.

Current natural history is sometimes

Current natural history is sometimes

Our Treatise on Bood and Six Dassace maked for the most reliable cure. A few bottles will afford relief where all eight as falled. I suffered from a severe attack of Mercurial Rheumatism, my arms and legs being awollen to twice their natural age, causing the most reliable cure. A few bottles will afford relief where all eight as falled. I suffered from a severe attack of Mercurial Rheumatism, my arms and legs being awollen to twice their natural age, causing the most reliable cure. A few bottles will afford relief where all eight as falled. I suffered from a severe attack of Mercurial Rheumatism, my arms and legs being awollen to twice their natural age, causing the most reliable cure. A few bottles will afford relief where all eight as falled. I suffered from a severe attack of Mercurial Rheumatism, my arms and legs being awollen to twice their natural age, causing the most reliable cure. A few bottles will afford relief where all eight as falled. I suffered from a severe attack of Mercurial Rheumatism, my arms and legs being awollen to twice their natural age, causing the most reliable cure. A few to twice the form a form relief where all eight and the suffered from a severe attack of Mercurial Rheumatism, my arms and legs being awollen to twice their natural age, causing the most reliable cure.

HELLO!

1800 miles of long dis-tance telephone wire in Three Pleases of Basiness Property. Oregon and Washington now in operation by the Oregon Telephone and Telegraph company.

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Quick, accurate, cheap. All the satisfaction of a personal communication. Distance no effect to a Five Room House clear understanding. Spokane as easily heard as Portland.

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Huntley's Drug Store. J. H. THATCHER, MANAGER, Portland.

Sunday Services.

ST. PAUL'S CHURCH - Episcopal - Rev. Isaac Dawson, Rector. Services atll o'clock a. m. and 7:30 p.m. Prayer service every Wednesday evening.

m. and 7:30 p. m. Prayer service every Wednesday evening.

FIRST CONGREGATIONAL CHURCH—Rev. J.W. Cowan Pastor. Services at 10:30 A. M. and 8:90 p. M. Sunday School after morning service. Prayer meeting Wednesday evening at 8:50 o.clock. Prayer meeting of Young People, Society of Christian Endeavor every Sunday evening at 7:00 prempt.

FIRST BAPTIST CHURCH.—Ray. M. L. Rugo, Pastor Morning Service at 11: Sunday School at 12:15; Evening Service at 11: Sunday prayer meeting Wednesday evening. Monthly Covenant Meeting every Wednesday evening preceding the first Sunday in the month. A cornial invitation to all.

St. JOHN'S CHURCH, CATHOLIC.—Ray. A. HILLESBAND, Pastor. On Sunday mass at 8 and 10:30 A. M. Every second and fourth Sunday German sermon after the 8 o'clock mass at all other masses English sermons. Sunday School at 2:30 p. M. Vespers, apologetical subjects and Benediction at 7:30 p. M.

METHODIST EPISCOPAL CHURCH.—Rev G. SYKEs, Fastor. Morning service at 11: 8unday School at 19:00. Class meeting after morning service. Evening service at 7:30. Epworth League meeting Sunday evening at 6:30: Prayer Meeting Thursday evening at 6:30. strangers cordially invited.

FIRST PHESBYTHKIAN CHURCH.—Rev. J. W. Montgomery, Pastor. Services at 11 a. M. and 7:30 p. M. Sabbath School at 10 a. M. Young People's Society of Christian Endeavor meets every Sunday evening at 6:30. Wednesday evening prayer meeting at 7:30. Seats free. EVANGELICAL CHURCH—GERMAN—H. E. HORNSCHUCH, Pastor: J. R. EHRET Assistant, Praaching services every Sunday at 11 A. M. and 730 P. M. Sabbath school every Sunday at 10 A. M. Mr. Zimmerman Sup. Prayer Meeting every Thursday evening every Thursday evening
REGULAR SERVICES AT U. H. CHURCH—
morning and evening of 1st and 31 ounday of
each month. Sabbath School at 10, A. M. each
Sabbath. J. D. Surfus, Supt.
W. H. McLais, Faster.

EVANGELICAL LUTHERAN CHURCH-L GREY, Pastor.—German services every Sunday at II o'clock A. M. Buglish services at 7:30 P. M. Sunday school at 10 o'clock A. M. Loca-tion: Store room next door to bakery in Shive-ley's building, corner of Seventh and Madison

HEAPER

OWN

THAN TO RENT

One to five acre tracts.

Cleared, uncleared and some set to fruit. This property ad-joins the Chamanqua grounds at Gladstone park. It is only 12 minutes walk from the mo-tor line, and very desirable

ONE.

Ten Acres,

412 in cultivation, 112 slashed House with 4 rooms. 85 fruit trees now bearing an abundance of berries, watered by creek. Good roads to Port land and Oregon City. \$850.

Two-hundred Acres.

100 fenced-45 in cultivation. balance open brush land, 2 houses and 2 barns, 6 miles from town price, \$16 per

Several pieces

Of improved residence propuside and saturban. Price from \$75 to (200). When you can buy a let within a few blocks of your work it is certain's wise to buy one and quit

350 Acres-20 acres in meadow, 15 acres cultivation, 35 slashed. 2 houses, 2 barns. Plenty of running water, Frice

Forty Acres

8 in cultivation, 6 acres slashed-200 fruit trees spring water. 4 miles from town, Price \$1000

Twenty-five Acres.

16 in cultivation, 7 scres of beavertiam land, excellent for growing onions, Small orchard. House 1½ story, 6 crooms with pantry, Barn, place all (enced-all improvements new and good, (good road to Portland and Oregon City, Only 2 miles to R R station Crop goes with place if sold soon. Price, \$3250,

Five acre tracts,

Near Oak Grove, on East Side motor line. Price \$125 per in his line. We acre. This property is within a short distance of where small Give me a trial. tracts are selling at \$300 and \$400 per acre.

Ten acres on West Side.

216 miles from suspension bridge. 3 acres cleared, small house, fine spring water, splendid place for poultry. Price only \$450. Terms easy. This is a snap.

On Main street, Oregon City, improved and paying monthly rental

Twenty Acres,

Part light brush, balance good timber. Water by creek. Farm for fruit, vegetable or Poultry Farm. 21/2 miles from town Good road, Price only \$650, part cash, balance or long time at 6 per cent.

Fifteen Acres,

7 Fenced and cleared. Good spring water. 3 miles from Oregon City. Price, \$750.

to rent; on a level with Main street, and near business part of the street.

Ten acres on West Side.

134 miles from suspension bridge. 34 mile from where land is selling at \$500 to \$1000 per acre. This will be sold at a bargain.

A splendid home

In Oregon City, good two story house, basement, wood shed, cellar and green house. 5 Lots set with a good variety of fruit trees, now bearing. Below the bluff and within half block of Electric Line. Price \$2500.

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LE, LAWRENCE, J. R. KENNERY,
Sub. Chief Ranger. Financial Sec. W. S. CRAM,
Chief Ranger.
L.E. Lawrence,
Sub. Chief Ranger.

SALE ON EXECUTION.

In the Circuit Court of the State of Oregon, for the County of Clackamas. Williamst Iron Works plaintiff, vs. M. K. Shipley and J. H. Kruss defendants.
State of Oregon, County of Clackemas, sa.

and J. H. Kruss defendants.

State of Oregon, County of Clackamas, ss.

NOTICE 18 HEREBY GIVEN THAT BY
Virtue of an execution and order of sale
issued out of the execution and order of sale
issued out of the execution and order of sale
issued out of the execution and order of sale
issued out of the execution and order of sale
issued out of the execution and order of sale
issued out of the real sale. It is a sull where
in Williamel from Werks was plaintiff, and M.
K. Shipley and J. H. Krusse were defendants,
commanding me, in the name of the state of
Oregon, that out of the real estate breaination
described, to realise a sum sufficient to satisfy
the the demands of said decree. to-wit: 1998.70
with interest thereon at the rate of 10 per cent,
per annum from April 12, 1893, and the further
sum of \$22.20 costs, and also the costs of and
attending this sale.

Now therefore, in obedience to such decree, I
did, on the first day of September, 1896, day
ievy upon, and will, on Saturday the 29th day
of October, 1895, at the hour of 2 o'clock P. M.
of said day, at the front dove of the court house
in said country, offer for sale at public auction
and sell to the highest and bast bidder. for
costh in hand, all of the right, title and interest the
said defendants on the lith day of November,
1896, had in and to the following described
property, to-wit. The mig of the James M. and
Marion M. Moore domation had claim to see St. 78, 33, and 38, 12 s r 1 e of the W. M., containing 2975; scress, and also all that part of the
donation land claim of Rouald C, Crawford and
wife, cerificate No. 4677, notification No. 1822,
which lies south of the middle line of the donation land claim of E A Wilson and wife, east
of the county road leading from Autors, and
that tract of land soid by M. K. Shipley and
wife to Preter Taylor, (north time of sec 28, 12 s r 1 e of W. M. and west of the west into of the
donation land claim of E A. Wilson and wife,
said land being in section St. 12 s r 1 e of W. M.,
containing 100 seros more or less, a

above describes and of Oregon.

Of Clackamas State of Oregon.

Dated this 28th day of September, A. D. 1885,
E. C. MADDOCK,
E. C. MADDOCK,

E. C. MADDOCK, E. C. MADDOCK,
Sheriff of Clacksmas County, State of Oregon
By N. M. Moony, deputy.
9-77:10-16

NOTICE IS HEREBY GIVEN, THAT THE undersigned has been appointed by the County Court of Chackamas countr, state of Oregon, executrix of the seriate of Edward Ross Charman, deceased. All persons baving claims against said estate are hereby notified to present the same duly verticed for payment to the undersigned at my residence in Oregon City, Oregon, within six months from the date of this notice.

MATILDA CHARMAN, Executrix of the state of Edward Ross Charman, dee'd. Dated Oregon City, Oregon, Sept. 27, 1895.

NOBLETT'S STABLES. Livery, Feed and Sale Stable

ORECON CITY. LOCATED BETWEEN THE BRIDGE AND

Double and Single Rigs, and saddle horses always on hand at the lowest prices. A corrall connected with the barn for loose stock. Information regarding any kind or stock promptly attended to by person of

letter Horses Bought and Sold. Horses Boarded and Fed on reason able terms.

J. P. LOWE, Of Vancouver, Watchmaker,

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Rheumatic Pains, Bruises and Strains, Running Sores, Inflammations, Stiff joints,

Harness & Saddle Sores, Sciatica, Lumbago,

Scalds, Blisters, Insect Bites,

All Cattle Ailments, All Horse Ailments, All Sheep Ailments, Penetrates Muscle,

Membrane and Tissue Quickly to the Very Seat of Pain and Ousts it in a Jiffy. Rub in Vigorousiy.

> Mustang Liniment conquery Pain, Makes Man or Beast weil again.



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E. McNeill, Receiver.

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And all points in the United States. Canada, And

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Steedman's Soothing Powders. For Children Cutting their Teeth. IN USE OVER FIFTY YEARS.

Relieve Feveriah Heat, prevent Fits, Convuisions, and preserve a healthy state of the constitution during the period of teething.