

An Experienced Man.  
 "How do you conquer your elephant when he goes on a rampage?" I asked the manager proprietor.  
 "We avail ourselves of an experienced baggage man," he replied.  
 "An experienced baggage man?" I repeated with wonderment.  
 "Yes," he explained patiently, although it was evident that he was nettled by my stupidity, "we get a man who knows how to smash trunks."

**THE KEYSTONE TO HEALTH IS HOSTETTER'S STOMACH BITTERS**



Its great merit alone has enabled the Bitters to continue before the public for over 57 years. You really ought to try a bottle for Poor Appetite, Indigestion, Headache, Cramps, Diarrhoea and Malaria.

REDUCE THE COST OF LIVING: **USE CRESCENT BAKING POWDER** 25c. FULL POUND



It's Size.  
 "The theme failed as a book and now it falls as a play. Yet the central idea is good."  
 "Quite right. I think you could boil it down into an anecdote and get ten dollars for it."

**TRY MURINE** When Your Eyes Need Care. **EYE REMEDY** You Will Like It. Liquid Form, 25c. 50c. Salve Tubes, 25c. \$1.00.

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TENTH AND MORRISON, PORTLAND, OREGON  
 A. P. ARMSTRONG, LL. B., PRINCIPAL  
 "Our is admitted the high-standard commercial school of the Northwest. Teachers having both business and professional experience qualify students for success, by individual instruction if desired, in a short time and at small expense. Position for each as soon as competent. Open all the year. Catalogue, business forms and penwork free. Write today—there is money in it."

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 Phone Main 113  
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Are made over Curled Hair Fads and will not gall the horse. Write us for free sample of the Pad. Give the name of your harness dealer. Sold by best dealers everywhere.

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of the year to have your teeth out and bridge work done. For a full and complete list of our services and prices, write for our free booklet.

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**Painless Dentists**  
 Pulling Building, Third & Washington, PORTLAND, OREGON  
 Office Hours: 9 A. M. to 5 P. M. Sundays, 9 to 12

**FARM GARDEN**

**PASTURE AND THE MEADOW**

Careful Study of Subject Will Show Variety of Grasses Better Than Only One Kind.  
 (By S. M. MILLER.)  
 It sometimes seems as if one-half of the farmers were doing everything possible to fight nature and when we make a study of the various grasses and their peculiar needs we wonder that we have been succeeding as well as we have in growing good crops of hay. A careful study of the English system of maintaining a permanent meadow and pasture would essentially aid us in the management of our grass lands. There we may find from ten to twenty kinds of grass growing on one sod and all thriving and producing hay and forage.

We go on our meadows when the proper times come, cut the grass, cure it into hay and haul it to the stack or barns and think no more about the whole matter until the next year comes and then we go out and go through the same motions only get a smaller crop and keep this up until the yield is so small that we feel it is necessary to plow up the field and reseed it to clover and timothy again. We don't go to the trouble of top dressing or fertilizing the meadow or the drain to prevent the water from drowning it out during the wet season nor do we plan to leave a stubble to protect it from the hot summer sun.

Animals will often walk from one end of a large pasture to another to get a nibble of some variety of grass that is different from that in the other end of the pasture.

Pastures that contain the greatest number of varieties of grass are invariably the ones that will support the most stock.  
 It is one of the greatest evils of our system of farming to plow up a good pasture for it requires a number of years to get a good turf established.

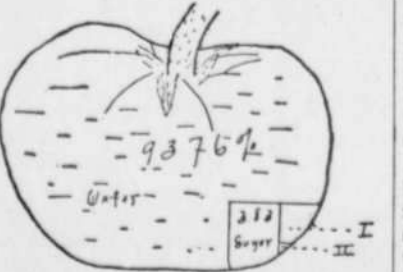
In selecting grass seed for a permanent pasture select kinds that will bloom in succession from early summer until late in the fall so that when one kind is not growing there will be another to occupy the soil and prevent weeds from growing in where the soil is not occupied.  
 In selecting grasses for the meadow select varieties that flower about the same time so that they may be cured for hay at one cutting.

Select those that furnish the most leaves and thus diminish the amount of woody indigestible matter in the hay.  
 It is folly to try to skim off a second crop from the meadows. If the growth is too rank in the fall pasture it off with young stock but do not pasture it close enough to injure its chances of living through the winter.

Nature provides for winter by promoting a rapid fall growth. The old ideas of getting something for nothing have been exploded for a long time and if we cut three tons of hay from our meadows we must feed them accordingly and keep the bare spots covered with grass instead of weeds.  
 If we supply better forage rations for our live stock they will come through the winter in better condition and will require less grain to keep them in a thrifty condition.  
 We, as a rule, are feeding too much grain to our animals and unless we devote more attention to providing nutritious forage rations we must expect less hardy and vigorous animals.

**COMPOSITION OF A TOMATO**

Nutrient Present in Largest Amounts is Sugar, While Organic Acids Give Character.  
 The extensive use of tomatoes as an article of food has caused many inquiries to be made as to their food value. The nutrient present in tomatoes in the largest amount is sugar, while the organic acids are the main substances which give individuality or character. In tables of analysis tomatoes are given as containing from 92 to 95 per cent. water, 45 per cent. ash.

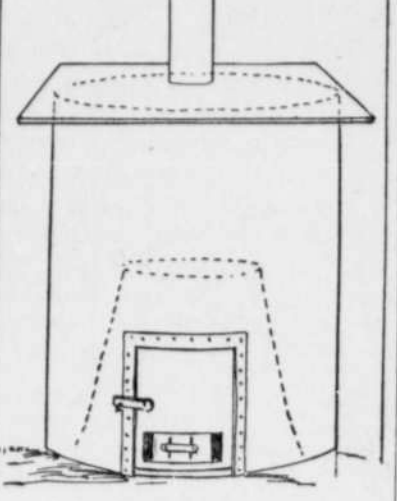


Composition of Tomato:  
 I.... Outer Solid  
 II.... Pith  
 Composition of Tomato:  
 .90 to 1.00 protein, and 3.80 to 4.80 per cent. of carbohydrates.  
 When the tomato is used for food, care should be taken to retain all of the juice, as the nutrients are present largely in soluble form and any diminution of the amount of juice entails a corresponding loss of nutrients. In its favorable influence upon the digestibility of other foods, the tomato has considerable value.

**BURNER TO DESTROY STUMPS**

Made From Steel of Old Abandoned Food Cooker and Joint of Pipe—Cost \$1.25.

The rather peculiar device shown in the illustration herewith was made by a Vernon county, Missouri, farmer for destroying stumps, and we are in-



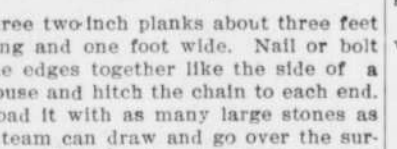
A Practical Stump Burner.

formed that it proved much more than expected, so far as getting rid of the old stumps were concerned, says Homestead. The cost to make this stump burner was \$1.25 and it was made as follows: The steel jacket from an old abandoned food cooker was used for the lower part, and the square part for the top was bought from a local tinner, it and the joint of pipe costing \$1.25. They are both a little heavier than ordinary sheet iron. In operation, the device is placed over the stump and a fire built around same with anything that may be handy for fuel. In some cases chips were used; in others, old rails, and in still others, pieces were split from the stumps themselves. Not only did the burner consume the entire stump in a short time, but in many cases the roots were burned out far down in the ground. A similar burner might be constructed from many things that are every year thrown in the scrap heap, and if the necessary material could not be found in the scrap heap, any tinner would build one for a small sum and your stumps would be burning while you were doing something else. The boys would simply love to operate one of these burners at least until the novelty wore off, and possibly the promise of a small sum of money when the last stump was burned out would prolong the novelty for a sufficient time to do the business.

**MAKING COMPACTOR OF SOIL**

Excellent Method of Constructing Implements to Be Used in Place of Ordinary Roller.

To construct a good compactor of the soil to use in place of a roller, use



A Soil Compactor.

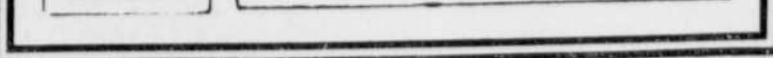
three two-inch planks about three feet long and one foot wide. Nail or bolt the edges together like the side of a house and hitch the chain to each end. Load it with as many large stones as a team can draw and go over the surface. It often does better work than a regular roller.

**FARM NOTES**

Sweep down the cobwebs—they are neither ornamental or useful.  
 Why not use the space between trees in the orchard for fall vegetables for home use?  
 Don't get overheated and then drink a lot of cold water. Sip a little and wait until cooled off.  
 Bone-meal is excellent for vines and fruit trees, and three or four ounces may be applied to the square yard.  
 We have no sympathy for the man or boy who has to cut stovewood on blistering days. Winter was the time for that job.  
 Corn is a good crop. In spite of large crops, it has been very high for the past two years. It is likely to be as high, or higher, next year.  
 For pitching bundles of grain up high in the barn or on the stack, nothing beats a long-poled fork with short tines. You can have one made that way for this express purpose.  
 Plow ground for late summer seeding of alfalfa as soon as the corn is in and there is time. Let the ground lie for a few weeks and then work it down frequently to kill young weeds.  
 Now is the best time of the year to see to it that no pools of water are allowed to form and stagnate around the premises. Fight the flies and the mosquitoes and thus keep down typhoid and malaria.  
 The day of the old grain cradle as a farm tool has almost gone by, and yet a good cradle is a handy thing to have. Take it in cradling around a piece of grain it works first rate, even today. Some of the modern cradles are very easy to swing, too.

**Hints For Hostess**

**TIMELY SUGGESTIONS** for Those Planning Seasonable Entertainments



**Games for Children.**  
 A young mother said to me the other day: "Your department is fine and I often find just what I want, but can you help me out with new games for the children?"  
 During vacation it seems that the what-to-do question frequently comes up for mother to solve. I hope the following pastimes will prove interesting, and make loads of fun for the youngsters. The first is called Human Nine Pins. The boys are set up just like nine pins at the end of the room or on the lawn; they stand on one foot (left one), with the right one placed behind the left knee, arms folded. The girls roll the ball, taking turns. When the ball is rolled they may hop aside to escape being touched; but if the ball touches them or they put down the other foot, they are supposed to be knocked down and out. This continues just like the real game, a score being kept and prizes awarded.  
 Young children love this game: Take barrel hoops and wind them with gay ribbons or crepe paper, suspend a small bell in the center. Hang the hoop up and give each guest a small bean bag the same color as the hoop. The aim is to ring the bell when thrown through the hoop. Five trials are allowed, the one who rings the most out of the five is given a reward.

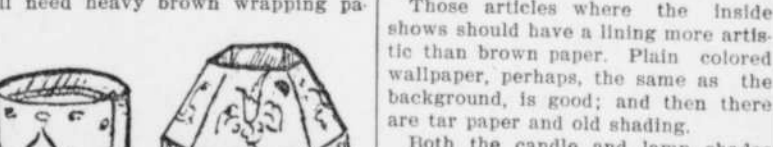
A little game called "Royalty" needs an equal number of girls and boys. One boy is chosen "king" and a girl as "queen." Then they sit in two rows facing each other. Each follower is numbered. At the same moment the king and queen calls a number, the two players bearing the numbers get up and run around the circle, the queen after the king's follower. If she catches him before he completes the circle he pays forfeit; if she does not the king's subject collects a tribute from her. When all the numbers have been called the game is finished.  
**Bridal Functions and Favors.**  
 A bride who had belonged to a needle club for years, gave a dinner to her maids, asking the men to an informal dance afterward. She had chosen baby blue for the wedding color or scheme, so the table centerpiece was a gilded basket filled with bride's roses; a huge bow of blue ribbon was tied to the handle, falling in graceful folds around the basket. At each place was a pale blue velvet jeweler's box which, on being opened, disclosed gold

**FANCIES OF FASHION**

Sashes are with us again in glorious array.  
 Tuile and Irish lace are frequently combined.  
 Fewer turbans are seen as the season advances.  
 Skirts for evening dresses are somewhat fuller.  
 The latest hostess shows more elaborate patterns.  
 Of suede and stamped leather bags there is an end.  
 Jabots of net and lace are often stenciled in color.  
 Some of the new linen frocks are embroidered in Japanese colors and designs.  
 Linen suits are in old blue, mustard, raisin, brown, green, catwaba and lavender.  
 For evening wear there is a return of colored Irish lace, dyed to match the gown.

**WORK FOR THE HOME**

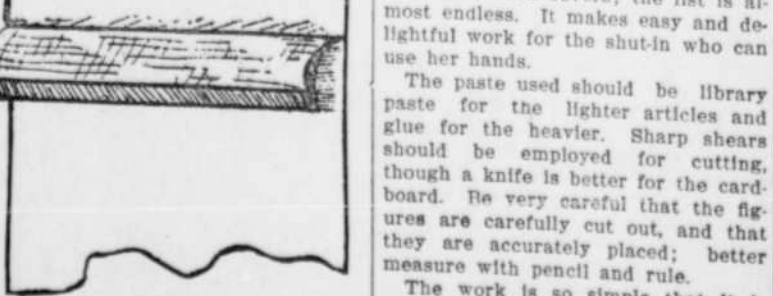
A beautiful lamp mat of oriental appearance caught my eye in a friend's house, says a writer in the Boston Herald. "Of what is that made?" I asked. "Oh," she answered, "I made that myself. It is paper sloyd."  
 And this is how it is done: You will need heavy brown wrapping pa-



per, old dimity or lawn from worn-out curtains (or some like soft material) and two kinds of wall paper, one with a plain, striped or chained background and one with large conventional or flower design in a contrasting color.  
 Cut out the background paper in the shape and form desired, apply on it the figures cut from the other paper in regular pattern, line with the dimity and paste a double layer of the wrapping paper over the back. It is all very simple, but a little taste and ingenuity will devise all sorts of quaint and unusual articles.  
 The lamp mat is perhaps the easiest to make; the one shown in the drawing was in wistaria design over silver paper. The edges may be bound with narrow passepartout tape of the required shade, but careful pasting is really all that is necessary.  
 The cottage jardiniere is made to



and covered and lined. The frame shown here is red on white.  
 Any number of other ornaments and conveniences may be made by this charming work. Tubes for rolling embroideries, glove rolls, pen racks, letter cases, book covers; the list is almost endless. It makes easy and delightful work for the shut-in who can use her hands.  
 The paste used should be library paste for the lighter articles and glue for the heavier. Sharp shears should be employed for cutting, though a knife is better for the cardboard. Be very careful that the figures are carefully cut out, and that they are accurately placed; better measure with pencil and rule.  
 The work is so simple that it is made by the children in the elementary schools; it is so pretty that it may grace any living room. With an occasional border of brocade or a touch of watercolor, it becomes an art that is worthy of attention from our lovers of novelty



cover flower-pots of piebald earthenware. It is a simple strip of the right size, rolled into a tube and fastened with large size paper fasteners. Here it is of black over red.  
 Or it may be laced with tape or

**MAN ALWAYS GIVING ADV**

is Effectually Squelched by Tattler Hobo in Most Characteristic Manner.

The man who is always giving vice sauntered up the street and for the tattered hobo sitting on the curb. "My good man," began the former, "why are you idling away your time like this? Don't you know the law owes you a living?"  
 "That so?" responded the hobo nonchalantly. "Well, I guess I better call up a collection agency and demand to collect it for me."  
 "But this is serious, my man, deserve something in this world."  
 "Sure, boss, the last judge I ran against said I deserved six months."  
 "Tut! Tut! Don't be facetious. You could rise up in the world were you broadcloth."  
 "Thanks, but I am wearing now, boss. Dis suit is an broad three sizes too big for me."  
 "Well, what in the dickens are sitting on the curb for, anyway?"  
 "To curb my temper, boss. To curb my temper when such smart-talk you ask for."  
 Mothers will find Mrs. Winslow's Soap the best remedy to use for their children during the bathing period.

**Taking the Usual Course.**  
 "I see your next door neighbor sprinkling his lawn during forbidden hours. Are you going to do anything to stop him?"  
 "Yes; I'm going to write him a significant protest and have it printed one of the papers."

**PRACTICE ILLEGALLY!**

Miner Opticians Work Furl Ducts Without State License.  
 The Oregon State Board of Examiners in Optometry will pay a reward of \$25 to anyone causing the arrest or conviction of any person or persons who are selling glasses who do not hold a certificate issued to them by the Board of Examiners. It is alone necessary for them to possess their certificate, but it must be registered with and countersigned by the Clerk of the court, in each county where the holder practices. The public in general is hereby warned not to patronize anyone not holding such certificate, as in the strict letter of the law they are accessory to the illegal practice and will at least be called upon to go into court and testify as witnesses against the persons violating the law.  
 For further particulars address W. Barnes, Sec., State Board of Examiners, Salem, Ore.

**Tents, Awnings, Sails**  
 Cots, Hammocks, Canvas and Sail. 1 or 1,000 at factory prices.  
**PACIFIC TENT AND AWNING CO.**  
 27 N. First St., Portland.

**USE DR. PLUMMERS COUGH STOPPER**  
 It is a sure stopper, promptly relieves Bronchitis, Whooping Cough, Croup, and especially those harsh, hacking coughs, also most useful for lung diseases. For sale by all dealers; 25c a bottle.

**HILL MILITARY ACADEMY**  
 PORTLAND, OREGON  
 Send your boy where he will have good, strong training. Fall term opens September 14th 1910. Write for catalogue.

**Neth & Co. 1900**  
**COLLECTORS**  
 We Buy and Collect Notes, Mortgages, and Estate Contracts. No Collection No Charge.  
 Worcester Bldg., Portland, Ore.

**Drink Cured in Three Days "The Neat Habit" Cured Me**

No Hypodermic Injections.  
 You can take this treatment at the Institute or your home, and your money will be returned if a perfect cure is not effected. Investigate this. It will only take a few moments to place us for information. Personal and financial reference on application. For full information, phone, write or call at the  
**NEAL INSTITUTE**  
 Phone, Marshall 2400  
 354 Hall St. PORTLAND, ORE.

**The Better Way.**  
 Maude—Formerly when Maude Screacher was asked to sing she would say "Oh, I can't."  
 Clara—But she doesn't do that at all.  
 Maude—No; she lets the audience find it out for themselves.

**Where is Your Hair?**

In your comb? Why so? Not the head a much better place for it? Better keep what is left where it belongs! Ayer's Hair Vigor, new improved formula, quickly stops falling hair. There is not a particle of doubt about it. We speak very positively about this, for we know.  
 Does not change the color of the hair.  
**Ayer's**  
 Indeed, the one great leading feature of our new Hair Vigor may well be said to be this—it stops falling hair. It goes one step further—it aids nature in restoring the hair and scalp to a normal condition. Ask for "the new kind."  
 Made by the J. C. Ayer Co., Lowell, Mass.

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