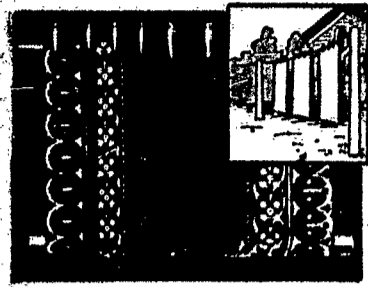


HELPFUL HINTS FOR HOUSEWIVES

Method of Stretching a Curtain Without Frames.



A good way to avoid using the ordinary four pole curtain stretcher is to make use of the following method: Take the lace curtain and fold it once lengthwise, then pin it up on a tightly stretched line with a large number of clothespins and slip a clean pole between the two sides to keep it taut. This method not only stretches the curtain satisfactorily, but saves considerable time otherwise required in pinning the curtain to the four sided frame.—Popular Mechanics.

Vegetable Soup. This is an especially good dish for busy days since the children can prepare it while the mother is doing other things. Early in the morning put the soup bones on to cook in a large kettle of cold water. Let it simmer for two hours; then add one small head of cabbage, cut fine, and two cupsful of fresh lima beans. If fresh beans are not at hand use one cupful of dried ones. A little later add six small tomatoes, cut up, a dozen sliced potatoes, two or three carrots, sliced, a dozen ears of corn or one can according to the time of year, and a cupful of peas. Season with salt and pepper and serve with out straining. It is very nourishing. Crackers or steep bread browned in the oven and cut into croutons are nice to serve with it.—Country Gentleman.

French Salad Dressing. One tablespoonful of vinegar, one quarter teaspoonful of onion juice, three tablespoonfuls of olive oil, one eighth teaspoonful of pepper, quarter teaspoonful of salt. Add salt pepper and onion juice to vinegar. Then add the olive oil, beating until thick and well blended. Use a cold bowl and cold ingredients. The ingredients may be put into a wide mouthed bottle, corked and shaken until an emulsion is formed. The dressing may be mixed and set in the icebox until chilled. The oil and vinegar will separate on standing and require further beating. Following the correct proportions, French dressing may be made in large amounts, kept in a bottle in the icebox and shaken before using.

Removing Stains. To remove starch stains wet the scorched place, rub with soap and bleach in the sun. Egg stains on table linen should be soaked out in cold water (not hot water) before washing. Sock ink stains in sour milk and should be stained in a weak solution of chloride of lime. To remove fruit stain stretch the fabric containing the stain over the mouth of a basin and pour boiling water over it. To remove coffee stains mix equal parts of yolk of egg and glycerin, apply to the stain and allow the mixture to dry on. For a light silk garment the glycerin should be mixed with water instead of yolk of egg.

Laundering Lingerie. When laundering lingerie wash carefully in the usual way, rinse thoroughly, but omit starch. When "bone dry" dip in and out several times in a basin of borax water in the proportion of one large tablespoonful to one quart of hot water, stirring until dissolved. Squeeze (not wring) out as much moisture as possible and roll it smoothly in a Turkish towel for an hour. The article is easier to iron, looks cleaner and keeps fresh longer than when starch is used. This is particularly satisfactory for infants' clothing.

Oatmeal Cookies. Cream three-fourths cupful of brown sugar with one-half cupful of butter and add one tablespoonful of cream and one well beaten egg. Stir in one and one-half cupfuls of flour, one and one-half cupfuls of the raw oatmeal, one teaspoonful of baking powder and one-half teaspoonful of salt. Knead lightly and roll thin. Bake in a hot oven. Chopped raisins, nuts or dates make a pleasing addition.

Sausage and Fried Apples. Pare and core two fat apples and cut into quarter inch rings. Cook half a dozen rounds of sausages in a frying pan for ten minutes, turning until both sides are brown. Add the apple rings, cover and cook until the apples are tender. In serving make a mound of mashed potato in the center of a hot platter and arrange alternate rings of sausage and apple round it.

Coloring Kid Gloves. To color kid gloves put a handful of logwood into a bowl, cover with alcohol and let it soak for a day. Put one glove on the hand, dip a small cloth or sponge into the liquid, wet the glove all over, rub it dry and hard until it shines, and it will be a nice purple. Repeat the process, and it will be black.

IN THE WORLD OF SPORT

Captain H. A. Murray, Harvard Varsity Crew.



Photo by American Press Association

Harvard rowing enthusiasts are beginning to take notice of the varsity crew, which has already begun training on the Charles river. Coach Wray stated recently that he considered the material available the best he had handled in some years. Captain Henry A. Murray of the varsity is pleased with the outlook. He had his crew on the river earlier than usual because of the mild weather, and from now on the men will be kept right up to work. Murray believes that the Harvard boat will be able to show its stern to all competitors when the June races are contested.

Brickley to Try Baseball. While it has been reported that (Barley) Brickley, Harvard's football player, would not participate in any branch of athletics this spring, the great athlete himself says he will be a candidate for the Harvard baseball nine. "When I was at Exeter I played the outfield, and when at Everett high I caught," said Brickley. "In my freshman year at Cambridge I also played behind the bat. In choosing the outfield I feel I can get a lot of exercise that I would not otherwise. It makes little difference whether I make the team or not, but as I have always been a faithful worker in the cause of Harvard's athletics I would, of course, be immensely pleased if I obtained a regular berth. With a second team at Cambridge I have no doubt I will have a chance to keep busy."

Huggins is Confident. Although the Cardinals may be without the valued services of Lee Mingo Ferritt and Wingo, Manager Huggins is going ahead with plenty of confidence. He believes he has a pitching staff which will do more than hold its own. It consists of Donk, Salce, Orner, Perdue, Robinson, Nichols and several youngsters. Snyder who was a real find last year, will do the bulk of the catching, with Roche to do the understudy stint. Jack Miller, Huggins and Beck will cover the bases, with Butler, Dinger, Her and Nash fighting it out for shortfield. The outfielders are Dolan, Cruise, Rizzert and Long.

Joe Wood and the Emery Ball. The fact that Joe Wood's effectiveness during the closing weeks of the last season was due entirely to the use of the emery ball, which is barred, makes it questionable that he will be of as much help to the Boston Red Sox as is expected by the admirers of the team. Wood's best performances last season were due entirely to the advantage this forbidden delivery gave him. This has been admitted, and with the emery ball barred it remains to be seen if the former smoke ball artist still has the stuff which made him famous.

Rosenthal Likes Wrestling. In connection with his track practice at the University of Minnesota last winter, Boleslaus Rosenthal, captain of the 1914 football squad, took up the wrestling game and promises to develop into one of the best mat artists who have ever represented the university. Rosenthal is out for honors in the heavy weight division. Wrestling prospects are also brightened as a result of the decision of T. Irving Mallon, last year's national college light weight champion, to return to the university this season.

Sullivan Wants to Empire. William J. (Big) Sullivan, veteran catcher of the Chicago Americans, who recently was unconditionally released, has applied to President Ben Johnson for a position as an umpire in the American league. Sullivan has served the league as a player for fourteen years and is familiar with every rule of the game. He never has had any experience as a professional umpire, but has often handled exhibition games.

Joe Benz, Gray Haired Pitcher. Chicago fans need not be surprised should they see their lumps to a gray haired pitcher when the White Sox return from the training trip. The apparently aged twirler is Joe Benz, who once boasted a luxuriant crop of rich, sandy hair. The ravages of typhoid fever, not age, are what changed the color of his hair.

POPULAR MECHANICS

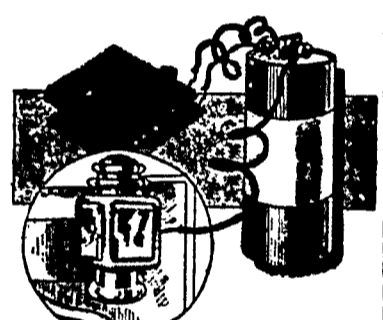
The Sherardizing Process.

The Sherardizing process of galvanizing iron was developed by Sherard Cowper-Coles, although some of the fundamental facts regarding it have been known for a long time, says the Engineering Magazine. In this process the thoroughly cleaned parts are placed in an iron drum with a quantity of finely powdered zinc, which generally contains a considerable amount of zinc oxide. This drum is then placed in a gas fired or electrically heated furnace and brought to a temperature of about 800 degrees F., which is maintained for a varying length of time, depending on the thickness of coating desired. On the average a furnace will turn out two charges a day. When the drums are sufficiently cool they are emptied over a grid or screen so that the zinc dust falls through and collects in bins to be used again.

One great advantage of this process is the fact that the zinc coating is applied very evenly and uniformly over all surfaces accessible to the powder.

Why Jupiter Has Belts. It has been suggested by Lau that the reason Jupiter has belts instead of zones of spots is to be found in its rapid rotation, says the Scientific American. The material forced upward from the lower strata of the planet, bringing with it a smaller linear velocity than that of the surface, streams eastward and assumes the appearance of elongated streaks. If the centers of eddies are sufficiently numerous belts are formed, and it is suggested that, were the sun's rotation much more rapid than it is, the solar surface at spot maximum would also present dark streaks or belts. In accordance with this theory of belt formation it will be remembered that the great revival of Jupiter's north equatorial belt in 1912-13 began the outbreak of a few isolated dark spots, which quickly spread out around the planet.

Device For Plating Nickel Parts. An outfit that will re-plate worn nickel parts on automobiles without removing them is shown in the illustration. While this device will not put on the regular plate, it will refinish places where the nickel is worn or so they look like new and will last for some time, says Popular Mechanics.



WIRING DIAGRAM SHOWING CONNECTIONS.

A piece of brass screen of the same size, and sew them together, with the screen between the flannel pieces. At one corner of the screen solder a piece of copper wire for a connection. Make the electrical connection from the pad to the battery and to the article to be plated as shown. Prepare a solution as follows: Place in a two quart bottle six ounces of nitric acid and four ounces of mercury. This mixing should be done in the open air, and when doing it one should be very careful not to inhale the fumes or vapor, as it is a deadly poison. Allow the mixture to stand until it stops boiling, then add nickel, about the weight of two five cent pieces, and let the solution stand for half an hour. Fill the bottle with distilled or rain water. Apply the solution to the pad and rub it over the part to be coated. The result will be a fine lustrous color that will wear for a considerable length of time.

Economical Fire Apparatus. A three wheeled fire engine of light weight, low cost and high efficiency has been developed recently, says the Scientific American. It is good for a speed of forty-five miles an hour, carrying two firemen and a complete chemical equipment, a reel of hose, a twelve foot ladder and all that is required for subduing a blaze before it has made a disastrous start. In short, it is a light scout car in the never ending warfare against fire which may be used as an auxiliary to the heavier and more costly fire apparatus. It is also serviceable in small but scattered communities which cannot afford the larger engines. Its low cost, small size (making an expensive fire-house unnecessary) and its small upkeep charges adapt it particularly for a small village.

Hinges Used as Door Lock. One of the safest devices for bolting or locking a door against intruders is to use two sets of hinges, says Popular Mechanics. The extra set is fastened to the door and frame in the same way, but directly opposite the regular hinges. It may be necessary to file the extra hinges and pins in order to separate and bring the parts together easily. The usual door lock need not be used with this arrangement, as the hinges are exposed only on the inside of the room and cannot be tampered with from without.

Inner Tube Repair. In repairing a flat sized hole in an inner tube it is better to place a patch on both sides and then vulcanize.

A MARVEL IN METAL.

Story of a Steel Flea Made in Germany and Sent to Russia.

The Russian peasants, of course, are neither scientists nor technologists; but even they think that they can do a few things—and especially work metals—as skillfully as anybody. A century or two ago, according to a folk tale current in Russia, the gossard (the czar) called together a dozen or more peasants who had a reputation for skill in the working of metals and exhibited to them a steel flea of natural size which had been "made in Germany" and had been sent to him, partly as a gift and partly to show the delicacy of the German smith's work. The gossard handed it to the peasants on a plate and said: "Look at that! You think that you can work metals, but I don't believe there's one of you can duplicate that steel flea."

The peasants said: "Perhaps not, but ushka (little father), but if you will let us take the flea home we will see what we can do." The czar consented, and they retired. A day or two later they reappeared, and with low bows presented to their monarch on a plate the same German flea, but without the expected duplicate.

DEEP SEA EXPLORATIONS.

Fishing With a Line That is Sometimes Over Six Miles Long. The Albatross, the vessel that has been used by the oceanographers for some thirty years in deep sea explorations, fishes with a line three miles long, often four miles long, sometimes six miles long or over, a line of slender cable, but wonderfully strong, rolled off a deck winch by a sputtering steam engine that will bring up from the ocean floor a three or four ton haul of sponges, crinoids, jellyfish, sea urchins, giant crabs, long white worms that break in two if you touch them, phosphorescent trees (really animals), sea cucumbers with hideous heads, starfish, devilfish, pelican fish, lantern fish, sharks teeth, whales' ear bones, sea cows' ribs and scores of other extraordinary things.

The Albatross follows no beaten paths of commerce. She goes where other vessels rarely go. She explores forgotten corners of the seven seas, drops her great nets by day and by night, takes hundreds of soundings in uncharted waters, and after a cruise of months, brings home her trophies for final safekeeping in jars filled with alcohol and labeled with Greek and Latin names. This sort of work she has been doing for thirty odd years, ever since George W. Baird designed her engines for the United States fisheries service in 1882. It is worthy of note that the Albatross was the first steel steamer built in America.—(Cleveland Moffett in A Modern Magazine).

Alas of the Car in a Railroad Wreck. A veteran railroad man craves a piece of valuable advice some time ago. "If you ever get into a wreck," he said, "and have time to follow out this suggestion remember this: Always stand in the aisle. Most of the injuries that are suffered occur because the victim is crushed between the seats. If you are in the aisle you may be thrown forward and bruised a little, but there is much less chance of receiving serious harm. It isn't always possible to get out of your seat before the crash comes, but if it is follow that advice."—Louisville Courier-Journal.

Strong Paper. A single United States treasury note measures three and one-eighth inches in width and seven and one-quarter inches in length. It will sustain without breaking lengthwise a weight of forty-one pounds, crosswise a weight of ninety-one pounds. The notes run four to a sheet, a sheet being eight and one-quarter inches wide by thirteen and one-half inches long. One of these sheets lengthwise will suspend 108 pounds and crosswise 177 pounds.

Modern Hostilities. "A gossip is never willing to repeat unkind remarks to your face." "No," replied Miss Cayenne. "Gossip is a social attack conducted on the approved principles of modern warfare. You are not supposed to see the person at whom you are shooting."—Washington Star.

Identification. "That handsome woman over there is a widow of one of the Jaggs brothers." "Which brother is she the widow of?" "The dead one."—Baltimore American.

Widows in China. There are no more widows in China. When a Chinese husband dies his widow is despoiled by every member of her family as a woman who has incurred the wrath of the gods.

Seems To. They say there is no intelligence in inanimate things, but a pin works a heap more tactfully for a woman than it does for a man.—Kansas City Journal.

FOR EASTER DAY



Easter.

Ring loud and clear your bells for Easter time, Now quick, now slow; From sea to sea catch up the happy chime; Bring all the flowers that blow For wreath and crown an offering pure and sweet Christ's rising morn to greet.

Ring long and deep your bells for suffering Berns With patient grace; Bring purple pansies, colors that are worn Beat with a sorrowing face, And weave with pine and cypress and young moss The emblematic cross.

Ring soft and slow your bells a tender knell And softly weep; Bring amaranth and stainless asphodel In memory of that sleep Which wrapped the world in three days' ashen gloom While he was in the tomb.

Ring, ring your bells across the happy land This Easter morn! Christ sits in heaven at the Father's hand. Bring blossoms to adorn A conquered death, whose victim has arisen, A grave which is no prison. —Juliet Marsh Isham in New York Times.

THE EMPTY TOMB.

Its Story and Significance Told in Easter Sermon. It is Friday afternoon. With "It is finished," his head drops upon his breast, and the hopes of his disciples are shattered. Pilate is glad to find some basis for his uneasy conscience by granting the request of the rich friend, Joseph of Arimathea, for the body. Nicodemus, scholarly, timid and shrinking, comes into the light again, joining in the embalming, because he cannot forget the evening's talk with the great Teacher. The tomb is sealed. He is alone, save for his watching centurions. The world's hopes are dead in him; they had named him; now they are ashes. They who loved him cherish the past, but have no future. The long sorrowful Sabbath day at last is waning; the first day is dawning.

Through the mists of the morning, hands laden with the treasures of the heart, while silver light of star and golden gleam of sun mingle the Marys and seek the tomb, hoping to perform the last service of loving devotion. They approach with timidity, fear, awe, wonder. Lo, the stone is rolled back! One sits upon it clothed in light. He has basted from heaven to anticipate their coming and to change their sorrow into song by the announcement, "He is not here; he is risen." The women hasten to tell his disciples. Hope, the last spark of which had gone out, is kindled again in human hearts. Forty day he lingers on the earth until the most skeptical cries, "My Lord and my God!" Every disciple becomes a herald of his resurrection. They seal their testimony with their blood.

Only the fact of Christ's resurrection can explain the revived hopes of his despondent followers. Only a personality that lives can rule the world as Christ rules it today. Every believer may share this Easter morning the resurrection hope as it sends the sunlight of heaven into every darkened heart and into every open grave, revealing anew, "He is not here, he is risen." Every tomb is now empty. May you who stand, in fact or in imagination, by the grave of loved ones today, catch the vision and hear the voice, "He is not here, he is risen."

Death is not a wall, but a door into life. As evening promises morning, as winter spring, as the seed follows, so death promises life.—Rev. Dr. George W. Shelton, Pittsburgh.

The Word Easter. Easter to the French is known as Paques; to the Scotch, Pasch; the Danes, Paske, and the Dutch, Paschen. St. Paul calls Christ our Pasch. The English name is derived from that of the old German or Saxon goddess of spring, Ostera or Eastre, whose festival occurred about the same time of the year as the celebration of Easter. When the early missionaries went to Britain they found the people worshipping this goddess, to whom the month of April, which they called Eastmonath, was dedicated. The missionaries substituted the Christian feast for the old heathen one, but they allowed the people to give it the name of their goddess, and so the word Easter came to be used.

A Human Life Net.

"There is some soul of goodness in things evil would men observingly discern it out." How much evil marked the daily lives of the actors in the following episode is a matter of conjecture, but they were, says a New York newspaper, denizens of what is called the "underworld."

A lodging house in one of the crowded tenement districts in New York caught fire. The lives of the inmates were endangered, and seven of them, all women, were cut off by the flames. They rushed to the windows and shrieked for help.

Then, to quote the newspaper account, "a crowd of Park row human dotsum and jetsam and boys of the neighborhood bunched themselves together to break the force of the women's fall and called to them to jump. The jump was more than thirty feet, but all the women made it safely."

Only one of them needed attention, but some of the men walked away with heads cut by flying beams and backs strained by the shock of the falling bodies. When the reporter spoke to them most of those who made up this human life net said gruffly that they had no names. When they were asked where they lived they would only say, "Oh, round here."

How Live One Hundred Years. Lo and behold, a physician comes forward with the announcement that it is as easy as falling off a log to live to be a hundred years old. He says all you have to do is to avoid alcoholic or malt liquors, don't smoke, go to bed at 10 p. m. and get up at 6 a. m. sleeping soundly, don't worry about making money, we don't—worry about not making it, do nothing to excess (don't marry to excess, of course—Mark Twain said that), the simple life all the time, don't get excited, we don't over anything except elections or prizefights, eat only when you feel inclined or have the price—this has no reference to newspaper men, who never eat a regular meal. With the exception of the patient, this is really serious advice, and you would do well to heed it if you wish to make the century mark in life's little Marathon. However, as for us we wouldn't swap one hour of a golden, glittering time on pay day in joyous Jacksonville for a whole century of such a simple and uneventful existence anywhere else.—Phil H. Armstrong in Florida Times-Union.

Napier's One Word Dispatch. Very few commanders have revealed any sense of humor in their campaign exploits, and it was reserved for the witty Sir Charles Napier to become pre-eminent in this rare accomplishment. His crowning achievement in the realms of humor was coincident with his most brilliant feat of arms. He was deputed to essay the conquest of Scinde, and after a series of fine exploits in the face of insuperable difficulties, he accomplished his mission. But the authorities at home waited anxiously for his dispatch announcing this momentous event. The days passed, and it added to the tension. At last the long expected missive arrived and it contained one word, "Peccavi!" A man who knew Latin was sought and he translated it, "I have sinned (Scinde)."—London Mail.

Land of the Danes. Denmark has almost abolished pauperism and filthiness among her people. Only one in a thousand of her adult population is unable to read and write. The number of those dependent on charity is extremely small and is lessening each year in spite of a barren soil and a villainous climate. The whole land is prosperous, and its productivity is increasing year by year. The community health is improving, crime is exceedingly rare, and reforms of life as well as its necessities are growing more abundant and are distributed in wider and wider circles.—Chicago Journal.

What He Had Better Do. Macpherson in talking to his minister told the reverend gentleman that he was going to take a trip to the holy land. "And whiles I'm there," he said enthusiastically, "I'll read the Ten Commandments aloud from the top of Mount Sinai." "Nae, Macpherson," said the minister gravely, "tak' my advice. Dinna read them aloud. Bide at home and keep them."

Superfluous. "I understand they have a curfew law out there now?" he said. "No," his informant answered. "They did have one, but they abandoned it." "What was the matter?" "Well, the bell rang at 9 o'clock, and almost every one complained that it woke him up."—Chicago News.

After a Good Bargain. "This suit will cost you \$300 per day." "Do you find people willing to pay such prices?" "Plenty of them." "In that case what will you take for the hotel?"—Judge.

Sad Experience. "It is better to have left something unsaid than to have talked too much," observes a philosopher, who has evidently been through a breach of promise suit.—Philadelphia Inquirer.

Sacrifice Hit. She—Would you leave your home for me? He—I'd leave a baseball game in the ninth inning with the score a tie.—Philadelphia Ledger.

He is oft the wisest man who is not wise at all.—Wordsworth.