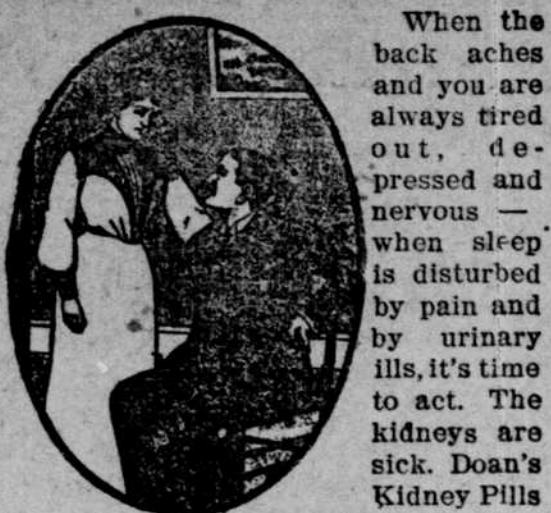


TIME TO ACT.



When the back aches and you are always tired out, depressed and nervous—when sleep is disturbed by pain and by urinary ills, it's time to act. The kidneys are sick. Doan's Kidney Pills

pure sick kidneys quickly and permanently. Here's proof. Mrs. W. S. Marshall, R. F. D. No. 1, Dawson, Ga., says: "My husband's back and hips were so stiff and sore that he could not get up from a chair without help. I got him a box of Doan's Kidney Pills. He felt relief in three days. One box cured him."

A FREE TRIAL of this great kidney medicine which cured Mr. Marshall will be mailed on application to any part of the United States. Address Foster-Milburn Co., Buffalo, N. Y. Sold by all dealers; price 50 cents per box.

A money spendthrift is a moral suicide.

PLEASE TELL YOUR READERS

Our Big 50-Cent Catalogue is Now Free.

For years the price of our big General Merchandise Catalogue has been 50 cents, but we have reduced our selling prices on all kinds of goods so far below all other houses as to insure almost every catalogue bringing orders and making new customers, and by the introduction of new paper-making machinery, new automatic rotary printing, folding, binding and covering machinery we have so reduced the cost of making this big book that we will now send it by mail, post paid, free to any address on application.

The big book, which heretofore was sold at 50 cents each, and which is now free for the asking, is 3 1/2 inches in size, contains thousands of illustrations, descriptions and prices, is thoroughly complete in nearly every kind of merchandise, including dry goods, clothing, boots and shoes, furnishing goods, notions, millinery, carpets, upholstering, hardware, tools, electrical goods, guns, sporting goods, sewing machines, musical instruments, organs, pianos, furniture, baby carriages, crockery, cutlery, stoves, drugs, photographic goods, optical goods, talking machines, moving picture apparatus, buggies, harness, saddles, saddlery, watches, jewelry, silverware, clocks, safes, refrigerators, linens, everything used in the home, in the shop, in the factory and on the farm, and all priced at prices much lower than were ever offered by any other house.

If you have one of our big catalogues or have ever seen one, you know what it is, the most complete, most up to date and lowest priced catalogue ever published. If you haven't our big catalogue don't fail to send for one at once. If you have the big book please tell your friends and neighbors that the book is now free and they can get one for the asking. Simply on a postal card or in a letter say, "Send me your Big Catalogue," and the big new book, our regular 50-cent catalogue, will go to you by return mail, postpaid, free with our compliments. Please don't forget to tell your neighbor who hasn't the big book that the big 50-cent book is now free to anyone for the asking. Address SEARS, ROEBUCK & CO., Chicago.

Virtue for a wage is first cousin to vice.

Free to Twenty-Five Ladies.

The Defiance Starch Co. will give 25 ladies a round trip ticket to the St. Louis Exposition, to five ladies in each of the following states: Illinois, Iowa, Nebraska, Kansas and Missouri who will send in the largest number of trade marks cut from a ten-cent, 16-ounce package of Defiance cold water laundry starch. This means from your own home, anywhere in the above named states. These trade marks must be mailed to and received by the Defiance Starch Co., Omaha, Neb., before September 1st, 1904. October and November will be the best months to visit the Exposition. Remember that Defiance is the only starch put up 16 oz. (a full pound) to the package. You get one-third more starch for the same money than of any other kind, and Defiance never sticks to the iron. The tickets to the Exposition will be sent by registered mail September 6th. Starch for sale by all dealers.

Home-made yokes are always heavy.

Wiggle-Stick LAUNDRY BLUE. Won't spill, break, freeze nor spot clothes. Costs 10 cents and equals 20 cents worth of any other bluing. If your grocer does not keep it send 10c for sample to the Laundry Blue Co., 14 Michigan Street, Chicago.

Some families keep a servant girl and several of her relations.

Lewis' "Single Binder" straight 5c cigar. Made by hand of ripe, thoroughly cured tobacco, which insures a rich, satisfying smoke. You pay 10c for cigars not so good. Lewis' Factory, Peoria, Ill.

Nothing spoils the life like living for the spoils.

Defiance Starch should be in every household, none so good, besides 4 oz. more for 10 cents than any other brand of cold water starch.

The curse cannot get beyond Calvary.

Mrs. Winslow's Soothing Syrup. For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

Our victories depend on how we take our defeats.

Fish's Cure for Consumption is an infallible medicine for cough and phlegm. St. W. S. SARGENT, Ocean Grove, N. J., Feb. 17, 1900.

Giving happiness is the only secret of getting it.

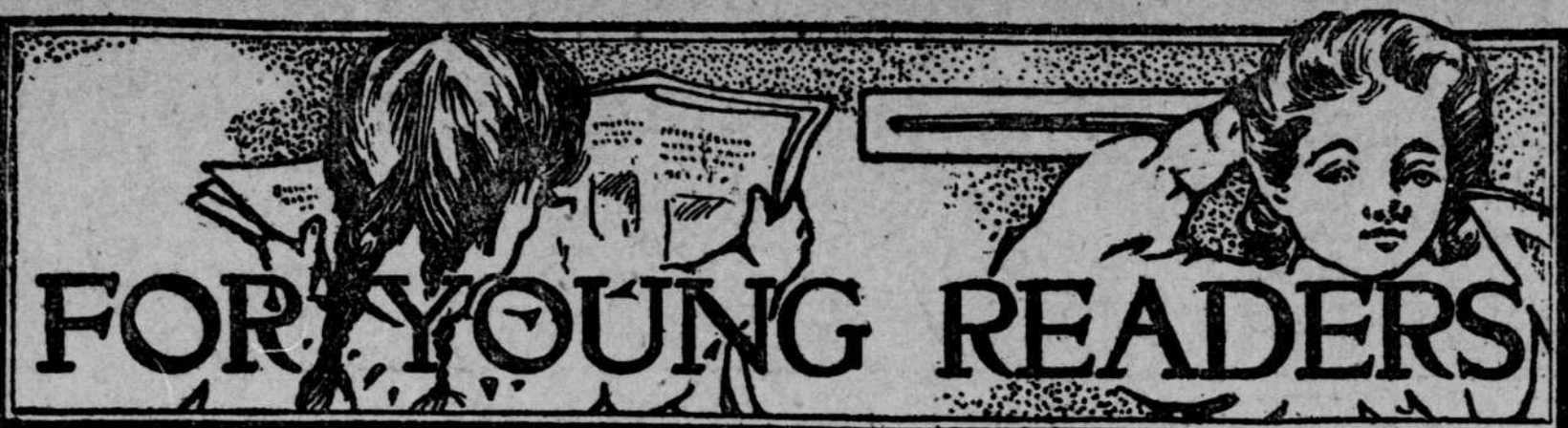
All Up to Date Housekeepers use Defiance Cold Water Starch. It is better, and 4 oz. more for it, for same money.

It is the opportunity we make that makes us best.

The Best Results in Starching can be obtained only by using Defiance Starch, besides getting 4 oz. more for same money—no cooking required.

Better a deflated enthusiasm than a dead heart.

When You Buy Starch buy Defiance and get the best, 16 oz. for 10 cents. Once used, always used.



Power of a Drop of Water.

You have probably heard that the constant falling of a drop of water will wear away the hardest stone.

Here is an easy way to test the force of a single water drop, which we will take as a unit for all the billions of water drops it takes to wear away the stone, and then perhaps you may get a slight idea of the stupendous force all those water drops would exert if they were combined into one mammoth water drop—and it dropped! You wouldn't care to be under it.

Cut a notch in the center of a match, then bend so as to form an acute angle. Lay it across the mouth



Match, Coin and Water Drop.

of a bottle and place a penny on the match. You are now ready to demonstrate the force of the water drop—and also ready to do a neat little trick to surprise some onlooking friend.

Ask your friend to get the coin into the bottle without touching either the match or the bottle. After he has puzzled over it for a while dip your finger in a glass of water, hold it above the place where the match is notched and let a drop fall on the point. The power of the water as it strikes the match is strong enough to force the sides of the angle to spring apart, thus making the opening large enough for the penny to fall into the bottle.

Your trick is performed, while the water drop's power is illustrated at the same time.

Some Riddles and Answers.

The first lady of the land in three letters? Eve.
 Relating to civil life in five letters? Civic.
 A legal document in four letters? Deed.
 What baby says about candy in four letters? "Dood."
 Something the most stupid person can see through in three letters? Eye.
 A gentle domestic animal in three letters? Ewe.
 One of the famous pair of giants in three letters? Gog.
 Something used by burglars in three letters? Gag.
 Part of the verb to do in three letters? Did.
 A small vehicle in three letters? Gig.
 The condition of the grass in the morning in five letters? Dewed.
 The cry of a bird or a chick in four letters? Peep.
 Twilight time in three letters? Eve.

Giving Sheep Their Dew

Three hundred years ago one question used to bother the English farmers. There were more sheep in England than in any other country in the world (it isn't so now, but that is another story), and yet the "silly" creatures were seldom seen to drink. To such an extent was this abstinence observed that when a sheep was noticed drinking it was thought, so an old writer declared, "a prodigious thing that sheep should drink." There was, he said, a cause for their never suffering much thirst—"There is so much dew on the grass that they need no other water." Ancient authors, like Aristotle, were quite mistaken "in thinking that the northern sheep had more needs of water than the southern. In Spain those sheep bear the best fleeces of wool that drink least." But if the animals can not get dew they must have water. In the seasons of great draught that sometimes afflict the Australian sheep farmers the flocks perish by the thousand.

Game of Bouquet.

This is a jolly game for a number of children to play. Sit down in a circle around your leader. Let the leader give each one a flower for his name—violet, daisy, sweet william, black-eyed susan, etc. Then let her tell you a story, "made up out of her own head," in which she brings in every one of the flower names.

Whenever a child bears his flower name mentioned he must get up, turn around and sit down.

Whenever the leader uses the word "bouquet" all the children must jump up and change places, at which time the leader tries to capture a seat. Whoever gets "left" must then become leader.

Bear Goes to School.

This is the story of a bear, in Winnipeg, who goes regularly to school and will be entitled to a prize for punctual attendance, even if he fails in Greek and mathematics.

He came slouching out of the woods one day and advanced directly on the schoolhouse. Some of the children had eaten their lunch on the grass in front of the building. The bear stopped and licked up the crumbs and scattered remnants of the repast and then stuck his head in at the schoolhouse door.

The children and the school teacher screamed, and the big fellow was so frightened that he took to his lumbering heels. The next day, however, he came to the schoolhouse at the same hour and ate the crumbs and crusts as before. He looked at the

schoolhouse door, but did not venture there. After he had eaten every morsel he went slowly back to the woods.

His visits soon became of daily regularity, and as it was evident that he came with no evil intent the teacher and now and then the pupils took to tossing him an apple or other delicacy. From that to feeding him out of their hands was an easy step, until now the bear never plays truant and lunches regularly with the children and their teacher.

Basting Threads.

A dear little girl once came unto me. Her eyes as the stars in their constancy; Her face quite a picture, with cheeks all aglow. As she earnestly questioned me, "Oh, do you know My beautiful lady—the one over there—The one that I love with the white and black hair?" "Why, yes," I replied, "but her hair is called 'gray' I've known her for many and many a day."

The little maid listened with pitying face. Then with arch look replied—"was in ingenious grace" A look that said plainly: "What is it you lack? A knowledge of colors? Her hair is quite black" With now and then—"pause—a wise shaking head—" "With now and then just a—white basting thread."

And I thought me straightway of a truth that is old, Eternal as ages and priceless to hold. Of the roadway of life—with entanglements wild. We are safe there if led by the hand of a child.

God bless them, the children, God bless them each one! May our faith be like theirs ere life's journey is done. Even though black clouds of sorrow fall o'er our heads. May our faith grasp the sunshine. "The white basting threads!" —Boston Transcript.

Spider Web.

Fasten to the wall chandelier as many lengths of red, yellow, green, blue and white twine as there are boys and girl players.

Tell each child to take a length of twine and follow it through the different rooms until he finds the other end, winding the twine into a ball as he goes.

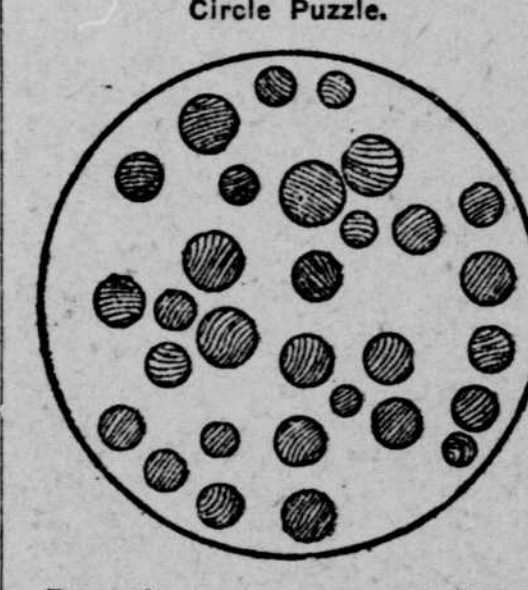
It will lead him up stairs and down, around table legs, through cracks in doors, in and out through the banisters, and so on.

At the end you should previously have fastened some pleasant surprise, like a tiny box of bon-bons or an orange.

When Boys Play Minstrels.

When you boys want to backen up your faces for a minstrel play or any other kind of fun, here is a good way for you to backen up: Take a few galls, bruise them to a fine powder, and strew the powder nicely upon a towel; then put a little ground copperas into a basin of water, which will dissolve and leave the water perfectly transparent. After any person has washed in this water and wiped on the towel on which the galls were strewed, his hands and face will immediately become black.

Circle Puzzle.



Draw three equal squares inside the large circle, each square to contain five of the smaller circles, and leaving three spaces outside each containing five of the smaller circles.

A Soapuds Surprise.

Here is an experiment with soapuds in which there is no blowing of bubbles. Fasten two knitting needles or other small rods together with threads of equal length so as to form a rectangular frame. A third thread attached to the upper rod enables you to hold up the frame without touching it.

Plunge the frame into strong soapuds and lift it out slowly by this third thread. You find the frame filled by a transparent liquid film, like a pane of glass.

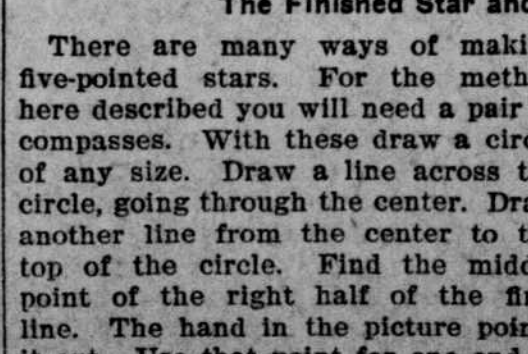
Break this film and attach to the vertical threads, about one-third of their length from the bottom, the ends of another thread which is no longer than the knitting needle, so that it hangs down in a curve, and to the middle of this thread fasten still another thread by one end, leaving the other end hanging down.

How to Make a Flute.

A little flute from which a good deal of amusement can be derived can be made by wrapping a piece of paper around a pencil to make a tube. Paste the edge flat, and to one end of the tube fasten a triangular piece of paper, somewhat larger than the opening.

To play the flute, draw in your breath through the open end of the tube; the difference in pitch will depend upon how hard you breathe.—Holiday Magazine.

A FIVE-POINTED STAR.

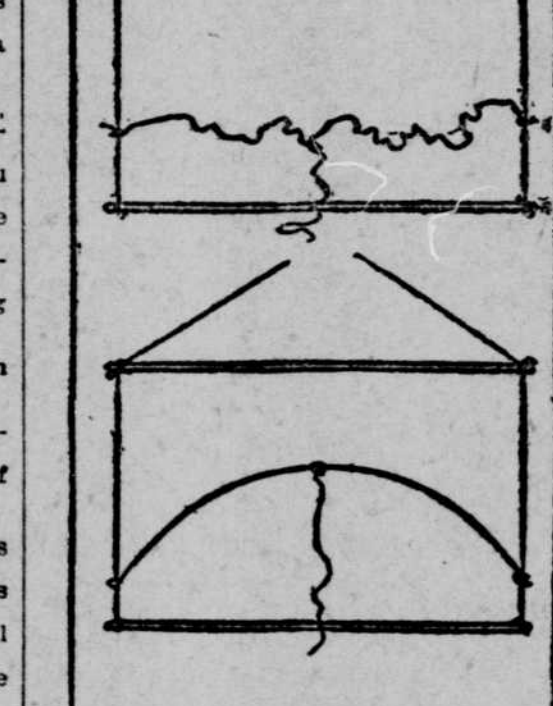


The Finished Star and Diagram of its Construction.

There are many ways of making five-pointed stars. For the method here described you will need a pair of compasses. With these draw a circle of any size. Draw a line across the circle, going through the center. Draw another line from the center to the top of the circle, and to the point of the right half of the first line. The hand in the picture points it out. Use that point for one end of

the compass. Place the pencil end at the top of the circle and draw a curve downward until it touches the line running across the circle. The distance between the crossing point and the top of the circle is the exact distance between the points of a five-pointed star drawn in that circle.

A star drawn on stiff paper may be cut out and used as a pattern in making flags or ornaments.



Frame for the Films.

varied in many ways, show that the liquid film is like a stretched elastic membrane or sheet of india rubber. It always makes itself as small as possible, as the last experiment proves, and if stretched out by force it contracts again as soon as the force ceases to act.

It affords, therefore, an interesting example of the "surface tension" possessed by liquids.

The film has two parallel surfaces and their tensions act together.

Domino Fortune Telling.

Lay them on their faces on the table and shuffle them; then draw one and see the number, which has its meaning as follows:

Double six, receiving a handsome sum money.
 Six-five, going to a place of amusement.
 Six-four, lawsuits and trouble, which can only be avoided by great care.
 Six-three, a ride in a carriage.
 Six-two, a present of clothing.
 Six-one, you will soon perform a friendly action.
 Six-blank, guard against scandal, or you will suffer by your inattention.
 Double five, a new abode to your advantage.
 Five-four, a fortunate speculation in business.
 Five-three, a visit from a superior.
 Five-two, a pleasant excursion on the water.
 Five-one, love, intrigue.
 Five-blank, a funeral, but not a relative.

The Number Nine.

It is a curious thing, which every one does not know, that you cannot destroy the integrity of the figure 9 by multiplication.

To make plain: 9x9=81. Add 8 and 1 (the product) and you have 9. Take any other number, say 122; 123 times 9 equals 1107. Add the figures of the product again and they equal 9. Again, 3 times 33 equals 297, which added gives us two 9s by adding 7 and 2, or the three figures added equal 19, or 2x9. Whether the number is small or large, the sum of the figures of the product will always be divisible by 9.

Human Passions Photographed.

Some photographic records of human emotions, obtained at Geneva by Dr. E. Magnin and M. Edward Flegenheimer, are of remarkable interest. The experiments have been made upon a very susceptible hypnotic subject, who has been influenced by both musical and oral suggestion, and the entire range of human passions—joy, anger, fear, sadness, gluttony, greed, etc.—have been recorded in about 500 photographs of the woman under the various forms of suggestion.—The intensity of the expressions is said to have been rarely equaled by the great artists.

Feed for Chickens.

Mrs. J. P.—Last year I hatched chickens with an incubator, but they died when a few days old. They appeared to have bowel trouble. I gave them curd and bread soaked in milk. Was this proper food for them?

Cabbage Maggot.

F. R.—What will destroy the little white grubs that are hatched among the roots of young and early cabbage plants?

Tea or Coffee, which?

Why is it that if you have tea when company comes to dine they seem to desire coffee, and vice versa? Of course, they assure the one preferring the beverage that it really makes no difference and that they prefer whichever the hostess happens to have on the table, but there generally follows the uncomfortable feeling that the drink which is not to be had is the one most desired.

SCIENCE and INVENTION

To Prevent Rear-End Collisions.

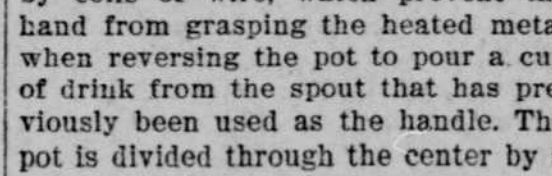
A model illustrating a method of averting a large class of railway accidents that are known as rear-end collisions was exhibited a short time ago in New York city.

On the track, 30 feet from the ordinary semaphore, is placed a dwarf semaphore whose movements are made to correspond with those of the other, whether the latter is operated by hand or electricity. From the side of the locomotive projects downward a rod of glass, in such a position that it will strike the dwarf semaphore when the signal is set at danger. Contact breaks the glass. The immediate effect of this is to bring into play in the cab a steam mechanism which shuts the throttle, locks it, applies the air brakes, and finally deposits sand on the track. Only when the train stops can the engineer unlock his throttle. He must first adjust a fresh glass rod in place of the broken one. Thus an effective safeguard is provided against running past a signal on account of the sickness, death or carelessness of the engineer, or fog or smoke.

The apparatus is so designed that if the engineer, having his wits about him, and having his train under control, wishes to do so, he can prevent the smashing of the glass rod, and run slowly to the main semaphore. To keep the rod from hitting the dwarf semaphore, he touches a mechanism in the cab which shifts the position of the "destructible member," and saves it from injury. When he does so, however, a record of the time is made automatically on an indicator, so that he cannot play any tricks without the fact being known.

Each Spout is a Handle.

To obviate this difficulty many a hostess provides both in sufficient quantity to meet the wants of her guests, necessitating the use of two pots and two stands. Why not dispense with this trouble and utilize the combination tea and coffee pot which has recently been designed by a Pennsylvania inventor? As the illustration shows, it is capable of pouring a cup of either beverage on a moment's notice, and that, too, without burning the hand by contact with either spout handle. As will be seen, the two spouts, which also serve as handles for the pot, are surrounded by coils of wire, which prevent the hand from grasping the heated metal when reversing the pot to pour a cup of drink from the spout that has previously been used as the handle. The pot is divided through the center by a partition which reaches from top to bottom, and when it is not desired to utilize it for brewing two beverages at the same time one side can be filled with hot water, for the double



purpose of maintaining the warmth of the coffee or tea and for use in weakening the beverage should it prove too strong.

A Collapsible Stretcher.

It has been said that Japan went to war with China simply to secure the discipline and training necessary for the impending conflict with Russia, which is but another example of a nation profiting by the motto, though admittedly peculiar in the manner in which it was carried out. But nations are not alone in heeding this admonition. The inventor has taken it upon himself at all times to strive for the improvement and advancement of all that goes to make war terrible, from the ship-burrowing mirror of Archimedes to the rapid-fire gun of the modern inventor. But if war has been made more horrible, the hospital equipment has in a measure kept pace with it from the humane point of view, until the sick or wounded men can now be properly cared for until claimed by the grim reaper or restored to health, with the chances more in favor of the latter outcome than they were even a few years ago.

Cement Anchor Posts.

C. C.—How would cement answer for constructing anchor posts for a fence of 11 strands of coil spring wire; the posts would be sunk 5 or 6 feet in the ground. In what proportion should cement and sand be mixed?

Cement answers well for making ordinary fence posts, but where there would be a side strain, as on an anchor post it would be well to build iron rods into each post; this would add greatly to their strength. The cost of concrete anchor posts would require to be composed of one part cement to five parts of gravel, which would require a barrel of cement for 20 cubic feet of posts, so that each post would require nearly half a barrel of cement.

A Tonic for Fowls.

Mrs. A.—Would a small quantity of ground gentian, say a quarter of a teaspoonful, fed in a mash once a day to a dozen hens, be harmful or beneficial to the fowls? They get no vegetables, only a few boiled potatoes daily.

Many a man has gotten a crooked fall on a straight tip.

Do Your Clothes Look Yellow?

Then use Defiance Starch. It will keep them white—16 oz. for 10 cents.

No wonder women don't go on spree. Their heads begin to ache when they get ready to go to a church picnic.

Could You Use Any Kind of a Sewing Machine at Any Price?

If there is any price so low, any offer so liberal that you would think of accepting one of our new high-grade, drop cabinet or upright Minnesota, Singer, Wheeler & Wilson, Standard, White or New Home Sewing Machine, cut out and return this notice, and you will receive by return mail, postpaid, free of cost, the handsomest sewing machine catalogue ever published. It will name our prices on the Minnesota, Singer, Wheeler & Wilson, White, Standard and New Home sewing machines that will surprise you; we will make you a new and attractive proposition, a sewing machine offer that will astonish you.

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An Attractive Cottage . . .



Here is a plan for an attractive cottage that can surely be built for \$1,000 anywhere. Entering the house you find yourself in a fairly large hall, with an attractive staircase immediately before you, and on the right a cheerful sitting room. The staircase is designed with a seat at one side, and is an open stair to the first landing, with nicely turned balusters and rail. The space under the stair is used as the stair to the basement from the combined dining room and kitchen.

The sitting room has a corner arrangement, showing a pleasant bay to form a sort of alcove addition to the room, yet the expense of it is not great, as it is partly supported and roofed by the porch, and the remainder extends over the foundation.

The dining room and kitchen are combined, with a pantry and wash room. The downstairs bedroom can be used as a library, if desired, cut out the closet, and having a large cased opening between this room and the sitting room.

On the second floor there are two bedrooms, one on each side of the hall, which are lighted by the dormers, as is seen by the exterior view. This dormer also gives good ventilation, as the transoms over the bedroom doors give a circulation of air through the second story rooms. Although it may appear in the exterior that there are sloping ceilings in the second floor bedrooms, such is not the case to a great extent. There is only a foot out of the wall and ceiling for the roof. There is a single chimney, and it is nicely located for heating the house either with stoves or a furnace. At each side of the second floor bedrooms are large spaces left under the roof, which make excellent storage closets.

The house is 24 by 28 feet. The interior woodwork is finished in natural finish, and half of the space under the first floor is excavated for a large cellar.

How's This?

We offer One Dollar Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all his business transactions, and financially able to carry out any obligations made by him.

WALTON, KEYS & CO., Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all Druggists.

Take Hall's Family Pills for constipation.

OVERHEARD ON THE PIKE.

Mr. Easy—"Why should people visiting The Exposition at night see more Allen's Foot-Ease than in daytime?"

Miss Foose—"Because under the brilliant illumination of the grounds, every foot becomes an eye."

Mr. Easy—"Fair, only fair! Pray, conduct me to the nearest drug store, and I will endeavor to accept a substitute for you or for Allen's Foot-Ease."

FOOT-NOTE—The treatise will be made one in June.

The queen of England has a favorite teapot of which she is very fond and which is in frequent use at Sandringham. It is in the shape of a barrel of wine, with a stout old Dutchman sitting astride. His cap serves for a lid, and a gold tap lets out the beverage.

BUSINESS PRUDENCE

means careful buying of the small things as well as the large. Paragon Typewriter Ribbons bear the special guarantee of the Remington Typewriter Company. They sell singly for 75 cents each. If you buy the Paragon Ribbon coupon books, you get them for 55 1/3 cents. Lots of inferior goods cost more than that.

We have noticed that when women go to a world's fair they have more boasting to do about how little it cost them than about what they saw while there.

Insist on Getting It.

Some grocers say they don't keep Defiance Starch. This is because they have a stock of cheap brands containing only 12 oz. in a package, which they won't be able to sell first, because Defiance contains 16 oz. for the same money. Do you want 16 oz. instead of 12 oz. for your money? Then buy Defiance Starch. Requires no cooking.

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