What Housewives Are Glad to Know

Smart Walking Suit

The handsome suit for street wear is a semi empire model and it is featured in dark green, burgundy, navy blue, taupe, brown or black. The coat is three-quarter length, with panel front

SEMI-EMPIRE MODEL.

and back, and the shirred, belted sides extend into large, flat pockets that give the fashionable long, straight hip. The high roll collar is inset with self colored velvet and edged with seal fur. The skirt has pockets to match those on coat. Buttons are of bone, preferably tinted to match. Design by Franklin Simon & Co., New York city.

Substitutes For Meat That Have Same Food Value

Meat is always high priced and especially so now, says Miss Leonora Richards, assistant in domestic science in the Kansas State Agricultural college. There are many foods which have the same nutritive value as meat, and these may be used as meat substitutes.

Baked beans, cheese fondu, macaroni and cheese, baked rice and cheese, cheese souffle, corn and cheese souffle and rice with lentils may be served as substitutes for meat and are much cheaper in preparation. Eggs are an excellent meat substitute and may be prepared in a variety of ways, but their present high price is prohibitive.

Persons who cannot eat without meat should buy the cheaper cuts, such as flank steak, rump and chuck roasts, heart, liver and chuck steak. These cuts contain the same amount of nutriment as the more expensive cuts, but are not so tender. In order to make the cheaper cuts of meat palatable they should be cooked slowly at a low temperature. Stewing is preferable. Seasoning with highly flavored vegetables and spices improves the flavor.

Kitchen Wrinkles

When boiling meat start it only at the boiling point, then let it simmer till tender.

When you accidentally spill hot grease on the bare floor dash cold water on it at once. This hardens the grease so that it can be scraped up before much of it soaks into the floor.

Tire Saving Device.

An ingenious device consisting of a magnet carried in front of each of the two forward wheels of an automobile and in close proximity to the ground has just been invented, according to the Popular Science Monthly. It will prevent the puncturing of pneumatic tires by automatically picking up magnetic particles such as chips of metal, tacks, nails and the like.

The magnet is pivoted to the front end of an extending arm attached to the front axle wheel spindle, so that it will swing with the wheel during steering and always remain in front of it.

SATAN IN EDEN.

Lang syne, in Eden's bonny yaird
When youthfu lovers first were pair'd
And all the soul of love they shared,
The raptured hour,
Sweet on the fragrant flowery swaird,
In shady bower,
Then you, ye auld sneck drawing dog—
Ye cam' to paradise incog
And play'd on man a cursed brogue
(Black be your fa')
And gied the infant warld a shog
Maist ruin'd a'.

—Burns.

HOW TO PRESS CLOTHES WITH THE BEST RESULTS.

Good pressing is not only an important part of dressmaking and tailoring, but is also one of the most important features in the care of clothing.

Skirts should be pressed over an ironing board.

The board should not be too heavily padded. The covering should be drawn tightly and should be of a firm, smooth material that will not leave the imprint of the texture or weave.

Darts and curved seams should be pressed over a curved surface such as a tightly padded cushion.

Sleeve seams may be pressed over the handle of a broom after covering it smoothly with cloth.

Use the curved edge or side of the ironing board when pressing open seams. This prevents the edge of the seam being pressed into the garment.

Nearly all pressing is done on the wrong side of the garment.

The seams may be dampened if the material permits. For surface pressing lay over the material a damp cloth and press dry. When pressing on the right side a firm dry cloth is first placed over the garment.

Use a rather heavy iron for pressing.

Press slowly. Lift and place the iron, bearing down heavily.

Always avoid a sliding motion, as it is apt to stretch the material.

ABOUT ALUMINUM.

Why This Light Metal Alloy Is Just Being Used.

Aluminum, though the most abundant of all metals, constituting about 8 per cent of the earth's crust, has only recently come into general use, and a third of a century ago the world's annual production had scarcely reached 100 pounds, at a cost of many dollars a pound. Its extreme lightness, its specific gravity of 2.58 being hardly one-third of that of iron, is one of its most valuable properties, though it is very useful on other accounts. Magnesium, also very abundant in nature, even lighter than aluminum, with a specific gravity of only 1.74, is pointed out as the next addition to our common metals, but is still very expensive on account of the war demand and the present unsatisfactory methods of reducing it from its compounds. Its alloys, as strong as soft steel and only 30 per cent as heavy, are expected to come into extensive demand for aeroplanes and dirigibles and even largely to displace the aluminum alloys now used by the thousands of tons annually in the automobile industry. Magnesium is a much stronger deoxidizer than aluminum, and when less than 2 per cent is added to aluminum, nickel, brass, copper, bronze and the like the metal is not only freed from oxide, but may be very greatly improved in [illegible] strength, resistance to shock [illegible] ease of machining. In warfare, photography and pyrotechnics magnesium has special value as a brilliant illuminant.

How to Manipulate a Tablecloth That Is Too Long For a Short Table

Sometimes it is necessary to use a cloth that is too long for the dining table. Instead of folding it over at one end try folding it under in the center, so that the outer edge crosses the cloth right at the center, at right angles to the long crease.

This makes it look like another crease. When it has been flattened down as much as possible and the edge that is folded under is not so bulky or noticeable as an end because it has not the hem to make it so.

It leaves the ends as they should be and is more easily concealed by the centerpiece and dishes.

How to Freshen Velvet Without Paying the Price of Good Steaming.

The usual way to steam velvet is over a hot flatiron covered with wet cloth. Another way is to dampen evenly the back of the velvet and use no cloth, or it may be held before the spout of a kettle in the steam. The best way, however, is to put a large wet cloth upon the top of the range or stove that is not hot, but just warm, and lay the velvet upon this. In this way the velvet can lie there and steam thoroughly and so get the pile well raised without steaming the hands and face. To steam more slowly and keep the cloth from drying too soon put stout paper beneath it.

How to Mend a Tablecloth, Sheets and Bedspreads.

"When a tablecloth begins to break or a small hole appears," says a writer in the Farm and Fireside, "cut a piece of white paper somewhat larger than the place to be mended, baste over the hole and stitch on sewing machine lengthwise and crosswise very close and evenly. It will look much better and is easier than darning or patching by hand. The paper holds it and the stitches [illegible] the paper will disappear when washed."

How to Brighten Tan Shoes With a Footbox.

When tan boots or shoes become darkened, wash them well with warm water and a little soft soap, using a stiff brush for the purpose. This will remove all the dirt and old polish. When thoroughly dry, polish again.

Letters of the Courting Period

By DONALD CHAMBERLIN

Why it is that a pair of lovers will change their opinion of each other so often, dropping from an infinite height to an infinite depth and rising from a profaned depth to a heavenly height, is one of the many mysteries of love. Ovid wrote of the art of love. He had better have written of the chaos of love. Here are some letters written by one of my grandfathers and one of my grandmothers when they were courting. The first is from grandpa. Just listen to it.

Dearest, Sweetest Matilda—I have but just come to my room from hearing you say that you would be mine, but I cannot refrain from writing you how happy you have made me. I have met many girls, but you are the only angel among them. I am awestruck when I think of my having secured such a prize. I only fear that when you find out how unworthy I am you will cast me off.

My grandfather was in such a flutter that ten minutes after he had left my grandmother to continue on paper the twaddle he had lavished on her in speech he was in his room writing the above effusion. It would seem that these young lovers never can break the steady flow of love that pours from their hearts, and if they succeed in doing so they must needs repair the break in some other form as quickly as they can get an opportunity.

And what possessed the man possessed the woman. Scarcely had grandfather left his mate than she rushed to her escritoire and, sitting down, took pen and paper and continued her own heart outpouring in the following note:

Dearest—I know that I am foolish, but I cannot—though you have not been gone ten minutes—refrain from telling you how infinitely happy you have made me by the honor you have done me. To be loved by such a man is simply ecstacy. How honorable you have been in refraining from telling me you loved me before speaking to papa!

Of course I can't give what must have taken hours to write. Besides, what would be the use? It is all on the same high C key. If he was writing to an angel she was writing to a god. Let us see how the mercury dropped after the first spat.

Dear Miss Marshall—I must say I was surprised at your action this evening. I supposed you were above treating even a coachman, to say nothing of a gentleman, as you treated me. Do you consider what you did ladylike? I confess that if my father had a kitchen maid who would act toward me as you have done I should insist on her discharge.

Note the rapid fall from angel to kitchen maid. And the old duffer—I forgot; my grandfather was then young—considered himself a gentleman. A gentleman to compare his best girl to a kitchen maid! But his act is nothing to compare with hers. It takes a woman to express her opinion of a man when she's mad.

Mr. Winchell—I thought you were a gentleman. That illusion is gone forever. You will always hereafter be classed with those young men who having been [illegible] up in the backwoods [illegible] [illegible]

Noting the date of this letter I find that a reconciliation was expected to [illegible] it was written. At any rate there are two letters, the first from grandpa, bearing the same date as the last quoted.

Dearest—That's heaven it's all explained. I will call at half past 8 to take the whole [illegible] world in my arms and give her a million kisses!

The dog that was to have been let loose seems to have lost his terror. This is her reply:

Oh, my darling, how immeasurably happy I am that it's [illegible] over! And to think that it should have been about so trifling a matter as your criticising the buckles on my shoes! Do come earlier than half past 8. We shall be through dinner by half past 7, and how can I wait a whole hour for you?

For a fortnight after this the waters were untroubled, then came a flash of lightning out of a clear sky. Its violence marks it for the lady's.

Sir—I return with this, by our negro boy Sam, your ring. Considering who gave it to me, he is more than a worthy messenger. I would express a hope that you would be happy with another girl if I did not feel sure you would lead any woman a horrible life. Return my letters at once by bearer.

His reply:

I will return your letters when you have returned mine. Respectfully yours, etc.

This doesn't sound so bad as comparing his angel to a housemaid, but it is really worse. He intimates that he can't trust her to return his letters, she having recovered her own, and that she is liable to use them to his discredit. There's no further record about this return of letters. Quite a gap ensues, during which they were doubtless so much together that they had no use for pens. The next correspondence is but a few days before their marriage. This is from grandpa:

My Angel—I can hardly realize that on Thursday next I shall call you wife. [illegible]

Here is grandma's writing:

[illegible]

A letter written six months later is very different. Indeed only the most commonplace topics are mentioned.

HOW

To Fish With Electricity as a Stunt

The Electrical Experimenter tells how to lure fish by electricity, a new and efficient stunt to which a few batteries and an electric light may be applied. In a recent patent for this purpose an inventor has provided a device which is intended to induce timid fish to venture from their hiding places in drifts into the open water, where they may be easily caught by the patient and persistent fisherman.

The device consists merely of an electric lamp inclosed in a strong glass container, a float to regulate the depth of the glass, a coil of wire and a few batteries to energize the lamp. The wires are insulated from the water by a length of rubber tubing and the batteries stored in a portable box on shore. The flexibility of the tubing, however, permits it to bend easily under the stress of flowing water. A small switch mounted on the outside of the box completes or opens the circuit to the lamp at will.

When the fisherman is ready for operations he sets his float at the proper place and drops the lamp into the water. He then allows his line to hang alongside the lamp and proceeds to make himself comfortable. The fish soon crowd around to view the electrical display, and, when one attempts to relieve the hook of its bait the angler pulls him in. After all of the fish at one place have been drawn from their hiding places the fisherman turns off his light and draws it shoreward. The tubing is now coiled and placed with the lamp and float in the box containing the batteries, and, picking up his box and fishing tackle, the merry angler proceeds to invade another choice spot where the fish have as yet not been introduced to the wonders of electricity.

HOLIDAY HINT.

How to Make the Very Best Fudge For the Party.

Stirring while hot makes the fudge liable to grain. You can be more certain of making soft creamy fudge if you let it heat gradually and do not stir after it begins to boil. Some people even wait before beating the fudge, until it is cold, so as to make sure that it will not become grainy.

If you wish your fudge to be rich use chocolate instead of cocoa. Two squares of chocolate, melted over hot water, take the place of three tablespoonfuls of cocoa.

Do not add nuts while the fudge is hot. The heat wilts the nuts and takes part of their flavor away.

Never add vanilla until after the fudge has been removed from the fire, as the flavor of the vanilla goes off in the steam if it is allowed to boil.

Always buy a good brand of vanilla. The cheap bottles of vanilla do not have the flavor of real vanilla and are more expensive in the end, because you have to use twice as much in order to get the same flavor that you get from a small amount of good vanilla.

BEST FOR BOXES.

How a Test Is Being Made of Different Woods.

More than [illegible] [illegible] the United States [illegible] lessening the great [illegible] [illegible] of boxes [illegible] one of [illegible] at the forest products laboratory at Wisconsin. In the attempt to determine the best kinds of boxes for given service and the woods best suited for box making. A hexagonal drum with three and one-half foot sides is lined with thin sheets of steel, and pieces of scantling bolted to the end cause the boxes placed inside to be raised and dropped back as the drum is rotated. The fall is regarded as an imitation of the average handling in transportation. The test boxes are filled with cans containing water, and a careful record is made of the number of falls required to break up each box thus loaded and of the manner in which it falls. From data yielded by the tests already made box woods have been classified in three groups.

Why Maple Wood Is Popular For Pipes.

Well seasoned hard maple is among the latest woods proposed for smokers' pipes. The so called French briar, the root of the white heath (Erica arborea) of southern Europe, is rapidly disappearing, and such substitutes as the mountain laurel and the rhododendron have been chosen from a number of common woods tried. The maple pipe is said to color equal to the best meerschaum; it absorbs all juices like clay without having the unpleasant taste of clay; it is never bitter and it is not liable to burn except when smoked in a strong draft or wind.

How to Separate Postage Stamps That Dampness Has Stuck Together.

In damp weather or by careless placing postage stamps sometimes stick together. When this happens place them on a newspaper in a hot oven for a few minutes. As soon as the stamps get hot the [illegible] dries and by pressing between the fingers it is readily broken, and the stamps may be easily separated without the least damage.

How to Make a Slow Fire Burn Up In a Minute.

To make fire burn take old jar rubbers from fruit jars or pieces of zinc and put in stove. This dissolves the soot. Farm and Fireside.

Home Cookery

Vegetable Soup With Dumplings.

Take four medium potatoes and four medium onions, peel and slice into about two quarts boiling water. Take two slices of salt pork, cut into dice and fry until brown, then add to the potatoes, using the grease as well as the pork. Allow the mixture to cook about twenty minutes, adding salt and pepper to taste, also carrots or any other vegetable one likes. While the soup is cooking prepare the dumplings, taking two cupfuls flour, three teaspoonfuls baking powder, a little salt and sweet milk to make a dough a trifle softer than for biscuit. Drop by spoonfuls in the soup and cook twenty minutes longer.

New England Mincemeat.

Four pounds lean meat (ground), one and one-half pounds suet, eight pounds chopped apples, one pound brown sugar, four pounds raisins, three pounds currants, one half pound citron (cut fine), one quart boiled cider, four cupfuls meat stock, one cupful vinegar, one pint grape juice, one pint cherry or other fruit juice, one tablespoonful salt, one tablespoonful pepper, mace, allspice, cloves, nutmeg, cinnamon. Mix above ingredients, adding spices to taste. Cook, then add the juice of two oranges, two lemons and one tablespoonful almond extract.

Tomato and Oyster Soup.

Strain a pint of stewed fresh or of canned tomatoes through a wire sieve to remove seeds. To the pulp add a pinch of soda to counteract a part of the acidity and to keep the milk from curdling. Into the hot tomatoes pour a pint and a half of hot milk. Thicken slightly, using a tablespoonful of flour moistened with water. Season with salt, pepper and a lump of butter. Lastly add a pint of scalded oysters. Canned ones answer very well for this.

Salad Dressing.

An Italian chef derides the American manner of preparing the dressing for lettuce, by which a goodly part of the oil and vinegar is left in the bottom of the dish. His method is to put the salad in the bowl and, turning the leaves with one hand, cover them slowly with oil with the other until every leaf glistens. He then seasons them with salt and pepper, adds a few drops of vinegar, gives a last stir and serves his salad at once.

Ink Spot Obliterators

Ink spots are the most troublesome of all spots to remove. Ink on white material may be removed by dipping it first in muriatic acid and then in hot water, repeating as often as necessary. Colored material should be soaked in turpentine and then washed. If the ink on rug or clothing is still wet, cover immediately with flour, starch or cornmeal, renewing as fast as the ink is soaked up. Then use lemon juice or sour milk. A solution of a cupful of water, the juice of a lemon and a teaspoonful of oxalic acid is a useful ink remover to keep in the house. The mixture should be labeled "Poison," as oxalic acid is poisonous. Ammonia will restore colors faded in removing ink. Soft water should always be used in removing stains from clothing.

EGYPTIAN SERENADE

[illegible]
When we were together [illegible]
When we were [illegible]
[illegible]

Sing the song and over [illegible] lover,
[illegible] that ever were
Wait it see the song you sung
When we were together young.

[illegible] Curtis

Wasted Time

Inspiration Miscellany

How One Family Saved

In the American Magazine a writer tells how he and his wife managed to save money and get ahead.

"On March 1, 1905, my wife persuaded me to take out five shares of building and loan stock, which necessitated my paying $5 every month. I kept at it faithfully and regularly, never missing a single payment, and many a month I could hardly see where the $5 was coming from, for at that time my salary was not very large. But I considered that I owed it just the same as I owed my rent.

"I kept at it with a determination that I would not let anything interfere, and after paying in for ten years and eight months the secretary told me that the series I was in had matured and that I need not pay any more. So he gave me a check for $1,000. You can easily figure that at $5 per month I had paid just $640.

"The profit represented the interest on my money for the ten years and premium on my money which the association had sold, and when the amount which I had paid then plus interest and premium reached $1,000 my obligation to them ceased, and I got the amount mentioned above, or $1,000. I have often said to my wife that we were just that much ahead, for I feel certain we would not have saved the $5 each month if we had not made the start and felt that we should stick to it until the stock matured.

"With that $1,000 I bought a $1,000 bond that pays 5 per cent, and instead of paying out $60 a year we get $50 interest each year. This permits us to save the $60 each year and in addition the $50 interest, which is almost double the amount we originally started with."

Happiness

Happiness is always a by-product. It never comes to those who concentrate on securing it. The unhappiest person in the world is the one who constantly pursues happiness. Not more elusive was the nymph that fled Apollo than is happiness to those who pursue it as an end and aim. It always comes as a result of something else. The pursuit of noble things, the things essentially worth while, brings happiness. As a man goes on life's journey with a brave heart, doing the best he can and leaving the issues "to the powers that wait on noble ends," he often hears the faint flutter of invisible wings, he feels a presence, a companion. It is Happiness.—Chicago Herald.

Epigrams of Success

Let me, says B. C. Forbes in Leslie's, give a few of the business epigrams and mottoes of a prominent St. Louis merchant, since they throw light on his successful methods:

The difference between failure and success is doing a thing nearly right and doing it exactly right.

[illegible] Seattle [illegible] Having chosen one line of business, stick to it.

[illegible] every night recounting the day's doings and planning to do better next morning.

Always put yourself in your customer's place.

Character is the decisive force in business.

I am a great believer in the business philosophy of encouragement.

Settle claims promptly. The merchant who does not permit himself to be imposed upon occasionally will never get far.

If any of your men or any customer gets into a hole, always leave him a loophole to get out easy.

Quality of goods, confidence in your business and in yourself, ability and readiness to anticipate conditions and to adapt yourself to them—these are some of the essentials to business success.

The Bright Side.

If the present moment be hard, sad, painful, we have the opportunity not to complain. There will be some bright thing. Fasten on that; if none, then this—that it might be worse. If it seem the worst possible from the outside, there is still this reflection—that we may make it worse by our own way of taking it in the soul.—J. Vila Blake.

HE WHO CONQUERS FATE.

I like the man who faces what he must
With step triumphant and a heart of cheer,
Who fights the daily battle without fear,
Sees his hopes fail, yet keeps unfaltering trust
That God is God, that somehow, true and just,
His plans work out for mortals. Not a tear
Is shed when fortune, which the world holds dear,
Falls from his grasp. Better, with love, a crust
Than [illegible] dishonor, envies not,
Nor loses faith in men, but does his best,
Nor ever murmurs at his humbler lot,
But, with a smile and words of hope, [illegible]
To every [illegible] deal are great
Who by a [illegible] force conquers fate.
Sarah Knowles Bolton.