ITEMS OF INTEREST FOR MAIDS AND MATRONS.

A Smart Combination-Evening Gown-Business Girls, Not in the World of Finance, but the World of Mome-Our Cooking Schools.

A Simple Word.

It may be glorious to write Thoughts that shall glad the two or

High souls, like those far stars that come In eight Once in a century;

But better far it is to speak One simple word, which now and then shall waken their free nature in the weak And friendless sons of men;

To write some carnest verse or line, Which, seeking not the praise of art, Shall make clear faith and manhood In the untutored heart.

He who doth this, in verse or prose,
May be forgotten in his day,
But surely shall be crowned at last with
those

Who live and speak for aye.

—James Russell Lowell.

Business Girls. I do not mean a girl who has gone into some trade or profession, for the most domestic "home bird" of my girl readers may be one. Indeed, if she helps to carry out her daily duties successfully she must do her utmost to become a "business girl" in my sense of the word. And when, in course of time, she passes to a home of her own, she will be at no loss in taking up her position as housekeeper and mistress. She will win the respect of those in her employ by showing them that she understands how she should be served, and that while comort is absolutely required, no extravagance will be allowed. She will cause her husband's leve for her to increase by showing him how truly his interest is hers by bringing into play her knowledge of "how to spend and how to save." To make home uncomfortable by mean, unnecessary savings is no real economy, but to plan with loving thought how to make every dollar yield its true value is housekeeping in its best sense; for such a "business girl" will make a small income go further and give more real happiness and comfort than would one of double and treble the amount in inexperienced hands, But to make my girl reader a complete business one of the type which I write, she must also learn how to conduct her charities. Giving indiscriminately, without inquiry or thought, is often more productive of evil than good, and she must be as wise over the spending of the portion allotted "to help others," and give as thorough consideration to it as she does to what she puts apart for her personal concerns.

Woman's Sunday. From Monday morning till Saturday midday the majority of husbands tell you they are hard at work. They rise at 6, 7, or 8, and, having eaten breakfast, get to business. At midday comes an hour for dinner and rest. Then work fills up the time till 5, 6, or 7. The evening they claim as their lawful rest after a hard day's bread-winning. When two of these hard-worked men meet they almost invariably, soonor or later, sneer or joke about the lazy lives vomen lead. Listen! If the head of a house rises at 6, his wife must rise at 5 in order to have his breakfast ready on a clean table in a cleanly swept room. The husband leaves for business, and his wife settles down to the necessarily full routine of housework. At the midday meal she most probably has to attend to the wants of two or three children. In the afternoon she must call on her neighbors in order to keep up friendships, so that her husband may have people to talk to when he wants variety in the evening. She also has to do the necessary shopping. At about 5 the hardest part of her day begins. First, the evening meal, then the children to be put to bed, then she must try and be lively and amuse her spouse till such time as he chooses to go to

Good and Bad Styles in Skirts. The skirt buttonen down the back from belt to hem, and the skirt that is fastened at the back with severe buttons and cord, are both old-fashioned, fortunately, for the fashion was to extreme to be in good taste. The habit skirt, as is called the skirt that fits like a riding-habit, that has either a seam in the middle of the back or circular, and fastens at the left side, is as yet the best. This requires to be carefully made, so that it is not too gight over the back and hips. The ugly plain look is obviated by four rows of tucks, very small, and put on about three inches below the walst. This breaks the plain look that is objectionable to the many figures. Satinfaced cloths, of both light and heavy weight, are to be used again, but there are also to be worn shaggy serges and camel's hair friezes, Cashmere and all materials of the cashmere and smooth finish will be extremely fashionable, as they lend themselves particularly well to the close-fitting style of dress. They come in all shades and beautiful colorings .- Harper's Bazar.

lied. As to a wife's Sunday, every one

who has ever been a child knows what

that means.

Hair Dressing Hints.

When the head is short the hair must be raised as much as possible. If it is long the hair is thrown back on the temples and slightly pured Excess of length in the read may easily be concealed by the arrangement of the hair. For prominent foreheads care should be taken not to throw the hair back. For a retreating forehead and a face without expression a coiffure on



Of yellow satin; very narrow strips of the satin interlaced over white satin, on bodice and skirt; white silk fringe trimmings, large bow of black velvet on shoulder.

ine noses demand a regular and sym-, a thick paste of starch; rub this well metrical, but not very high, colifure in, and then expose it to the sun and colffure with contrary lines, and hav- they have not, repeat the process, ing something of the unforescen and of fantastic. Fantastic must be carried it dries with a little water. even further with short and retrousse noses, and even amount to an appearance of disorder restrained by pins and combs. Lastly, a serious, regular, almost severe coffure gives to long, aquiline noses that peculiar character which marks the effiges of most historical medals.—Baltimore Herald.

A Smart Combination.

Visiting gown of drab velvet. Underskirt of black gauze embroidered in jet and black sequirs. Tunic of the velvet draped slightly at the left side where a few hollow pleats are inserted. It is cut undulating at the bottom and is lost with a narrow band

Corsage of veivet; shaped like a cuirass, with long basques that describe a scallop at the back and front



Yoke and sleeves of jetted black mous seline de soie.

Remove Stains from Table Lines. The careful housewife is much annoyed when a spic span tablecloth is marred by a stain of food or beverage. These can, however, be quite easily removed if taken when fresh. For tea stains, spread the stained place over a basin, then rub the spot well with either powdered borax or pure glycerine, then pour boiling water through the material, allowing it to soak well in this. If the stains are not fresh, this may require to be repeated. Coffee stains may be removed in the same way. Fruit and wine stains are frequently very troublesome, and should be attended to as soon as may be. If possible, at once strain the stained part of the cloth over a basin, and rub to set. Serve hot. the spot well with fine salt, then pour boiling water through it to prevent the mark spreading. A freshly out the front of the head will bring cut tomato rubbed over the newly made the features. The line of the nose is fruit or wine stain is also said to be of primary importance in arranging excellent. Another way is to rub the the coffure. Straight or slightly aquil- stained part well on buth sides, with American.

Fine noses, with mobile nostrils, sur- air for three or four days, when the mounted by two bright eyes, want a stains should have disappeared. If sprinkling the linen now and again as

A Face Shampoo.

Perhaps every one is aware of the quite magical effect of a face shampoo when tired out. Its refreshing powers are so great that the little trouble involved is not worth considering. Wet a sponge in soft, hot water. Put on it a little good soap and a few drops of glycerine. Lather the face thoroughly with the rinse, and rub the skin with almond meal till it is quite dry. Wash the meal off with fresh hot water, then spray or sponge the face with cold water till the flesh feels nice and firm. This closes the pores. Dry gently with a soft towel and powder lightly with pure Fuller's earth.

OUR COOKING SCHOOL.

Fried Oysters. Select large oysters. Clean, par-boil slightly, to draw out some of the water. Drain and dry on a towel. Roll in flour or fine bread crumbs, dip in mayonnaise dressing, then in crumbs again. Let them stand five minutes, and if they seem moist dip again in crumbs and cook at once in deep, hot fat, one minute. Being already cooked they need only the browning of the

Salmi of Duck.

Cut the flesh of a roast duck into pieces no larger than a half dollar and keep them hot. Put the scraps and trimmings in a sauce pan with half a pint of claret, two shallots, a bay leaf, a spring thyme, a pinch of red pepper, and a pint of stock. Reduce this over a quick fire and strain, add two ounces of butter, half a pint of shrimps or mushrooms and the juice of half a lemon. Mix well, but do not boll. Dish the duck on slices of fried or toasted bread, pour the sauce over it and garnish with parsley. Golden Spice Cake.

Cream half a cup of butter, add one cup of brown sugar and beat well. Add the yolks of four eggs and one whole egg, well beaten; stir in half a cup each of milk and molasses, two and one-fourth cups of flour, sifted, with half a teaspoonful of soda, half a teaspoonful of clove, one teaspoonful of cinnamon, one-fourth of a grated nutmeg, a few grains of cayenne and a few gratings of lemon peel. Bake in a square loaf, in a moderate oven, about an hour, and when cold invert and cover the bottom with a marshmallow

frosting.

Take a quart of milk, mix a little of it with three tablespoonfuls of cornstarch and the same quantity of grated chocolate. Blend to a smooth paste, and stir it briskly into the remainder of the milk while it is boiling briskly. Cook for three minutes, remove and add a teaspoonful of vanila and the beaten yolks of three eggs. Pour the mixture into a buttered pie dish and bake from twenty to thirty minutes. Whisk the whites of the eggs to a stiff froth, stir into them a tablespoonful of powdered sugar, and pile it care-

Called. "I admire a man who can say no."

sald Brimley. "Will you open a small bottle with

CURTENT NOTES OF DISCOVERY AND INVENTION.

Repliable Snow Scenes-Heat Valve for Kettle-Harnessing the Tides-Self-Protection in Plants-A New Photographic Telescope-Recent Inventions.

Harnessing the Tides.

The efforts now making in Europe to produce electrical energy by utilizing the tides, are thought to be practical, and complete success is expected. The idea of generating power by means of the tides is old. In fact, the method now being applied on the coasts of France and England to run dynamos by utilizing the rise and fall of the short waters is the same that was long employed at a few points on the shores of Long Island sound and elsewhere to grind flour in "tide mills." The English are treating the problem as though its practicability for the generation of electricity on a large scale was fully demonstrated. It is said that the sea wall and works that are to be erected at Southend, on the north side of the Thames' mouth, will cost \$3,000,000. The purpose is to supply electricity to London, and the advantage of the site selected is that there the rise and fall of the tide is very great. This enterprise will be by far the most ambitious and costly attempt yet made to harness the tides for industrial purposes. If it proves successful the new source of power is sure to be largely utilized.

Self-Protection in Plants.

Young long-leaf pines, according to Mr. Pinchot of the department of agriculture, protect themselves against forest fires in a most interesting and remarkable manner. For four or five years the stems of the infant trees attain a height of only as many inches above the soil. During this time their bark is extraordinarily thick, and that alone gives some protection. But in addition the long needles spring up above the stem, and then bend over on all sides "in a green cascade which falls to the ground in a circle about the seedling." This green barrier can with difficulty be made to burn, while the shade that it casts prevents inflammable grass from growing near the protected stem. Mr. Pinchot thinks that it is owing to this peculiar system of self-protection which the pine seedlings have developed that the growth of evergreen oaks in Florida has been restricted in regions where fires have raged while pure pine forests have taken their place.

A New Kind of Brick. In Germany the granulated slag from blast furnaces is being utilized for the manufacture of brick. The making of

slag brick is not a new thing, but heretofore fluid slag has been employed for the purpose, and the brick thus produced has been found unsuitable for building purposes because it is impermeable to air and steam. But the slag bricks made in Germany are, it is said, not open to this objection. On the contrary, while exceeding the strength of ordinary bricks, and possessing an extraordinary resistance to heat, they are more permeable to air, and consequently are well suited for the building of houses. They do not absorb water as rapidly as ordinary

bricks.

Inoculation for Typhoid. As there is considerable typhoid fever in Natal, all the British troops which have been transported to South Africa have been given the option of being inoculated with the anti-typhoid serum, and, according to the London Lancet, 70 per cent have availed themselves of the opportunity. The inoculation with serum has worked most successfully at the Indian posts where it has been tried, and the present operations in South Africa, which are being conducted on so large a scale will demonstrate the availability of the serum treatment in the prevention of enteric fever so often prevalent with armies in the field.

Realistic Snow Scenes.

Snow scenes in theaters may really be made quite realistic, even though the spectators are quite assured that the falling flakes are only bits of paper. When it is only makeshift snow scene, where the drawn-back draperies of a window show the falling flakes, a man on a plank in the flies scat-

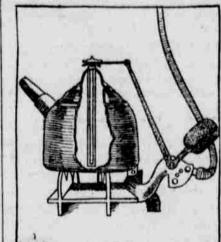


tering pieces of paper meets the quirements. When a more ambitious attempt at a snow scene is made several small machines concealed in the lessly on the pudding and place it in flies and distributed so as to cover the a warm (not hot) oven for five minutes stage front with the imitation falling crystals are employed. An inveentor of New York city has just been granted a patent on an appliance for producing realistic snow scenes in which the paper is fed into a hopper me?" asked Blix.-Philadelphia North and scattered broadcast over the stage, a strong blowing motion being tm- Record.

SCIENTIFIC TOPICS parted to the falling particles to simulate the effect of the wind. This device, it is asserted, will place the snow scenes on a par with storm scenes of thunder and lightning which in modern stagecraft have been brought to high stage of perfection.

> A New Photographic Telescope. Prof. E. C. Pickering of the Harvard observatory suggested a few months ago the desirability of constructing an extremely long telescope for the purpose of photographing stars and planets. He now announces that the money needed has been given by anonymous friends of science, and that a telescope of the desired kind, having an aperture of 12 inches and a length of at least 100 feet, will probably be ready within a few weeks for trial at Cambridge. The instrument is to be placed in a horizontal position, and a movable mirror will reflect the light of the stars into the object-glass.

Heat Valve for Kettle. A heat-controlling mechanism use in adjusting the supply of gas from a gas stove, so that it will maintain any given temperature, such as that required for the heating of milk, the boiling of water or for use in turning on water sprays when adapted for fire alarm purposes is the invention of two Englishmen, Ernest Griffiths and William Dampier, of Cambridge. The essential feature of the invention is an easily fusible al-



loy, contained in a tube, the expansion of which, on melting, acts on a rod or level which in its turn operates a ratchet or star wheel, thereby turning off the gas or turning on the water sprays, according to the use to which it has been put. It is most important that such a device be capable of being readily reset for use again and again, and that, too, without renewal of the fusible alloy or other parts, features possessed by this arrangement. In the illustration the device is shown attached to an ordinary saucepan, while being utilized to controi the supply of gas from a gas stove.

Automatic Tunnel Lights. In the Batignolles tunnel, near Paris, incandescent electric lamps, arranged ir rows along the tunnel walls, are to be automatically illuminated and extinguished by passing trains, the rims of the car wheels operating the electric switches. The lamps, being each of ten candle power, and placed at the height of the car windows, will serve to illuminate the interior of the

passing coaches, thus superseding the

use of lights in the train.

Recent Inventions. Flash-light powders are made to burn with a rapid, intense flame by a new discharge apparatus which has a small lamp burning with a round flame, the powder being placed in a bulb and thrown vertically past the flame to ignite it as it ascends.

To announce the arrival of carrier pigeons at the home nest a whistle has been patented for attachment to the bird, comprising a hollow ball of light material, with a clamp to secure it to the tail feather, an opening being cut in the front to let air into the whistle.

An Ohio man has patented a street car floor which will prevent people treading or sitting on passengers' toes, the edges of the floor being double, with the upper thickness supported at intervals on brackets to lift it high enough to allow the passengers' toes to slip under.

Distribution of germs through the use of telephones is prevented by a new attachment which has a metallic ring to fit over the mouthpiece, with a cover hinged on one side, having a bracket on its inner face for the support of a small bottle containing an antiseptic or germicide.

In New York a company has been formed for the manufacture of an armor for pneumatic tires, using an unwoven, fibrous material, which is flattened out into a wide sheet and covered on one side with a loose woven fabric to keep it in place, being then folded over until it attains the proper width.

An improved feed box for animals has a small trough pivoted at the rear of the manger, with a narrow, round hopper depending from the ceiling overhead to fit over a cone-shaped projection in the bottom of the box, a weighted lever closing the cone over the hopper outlet until the animal presses the box down.

A perpetual calendar has been constructed by a Frenchman named Jagot. It consists of five wheels having a total of ninety-six teeth and of nine levers or catches. It indicates automatically, without any attention save winding. the day of the week, the date and the month, and shows the 29th of February every four years, besides suppressing it in the centenary years that are not leap years and showing it in those

Acute Symptoms. "Are you sure you love that girl?" "Well, I can't work in the morning until I get a letter from her, and after I get it I can't work."-Chicago

## OUR BUDGET OF FUN.

SOME GOOD JOKES, ORIGINAL AND SELECTED.

A Variety of Quips, Gibes and Ironles, to Cause a Smile - Plotsam and Jetsam from the Tide of Humor-

Where It Hart. "Why are you weeping?" asked the loving husband.

Witty Sayings.

"When little Harry and I went down town today," she sobbed, "the conductor insisted that I must pay for be child."

Oh, well," he said, "I wouldn't let that bother me. What's a nickel to

"It isn't the nickel," she indignantly replied. "It's the impertinence of the brute of a conductor in insinuating that it is possible for me to be the mother of a child more than ten years old."-Chicago Times-Herald.

Bood Reason.

Bacon-"You know that part in the play where the man seizes the woman. forces her into a closet and turns the key on her?"

Egbert-"Yes; I remember it." "Well, last night a fellow in the au-

dience applauded it so that they had to put him out." "I don't think there is anything to

applaud about that part of the play." "Oh, but it turned out that the fellow applauding was the husband of the actress, and it was the first time he had ever seen anybody shut her up."-Yonkers Statesman.



Rooster-Oh, say, this is a cinch. All the other chickens down the hill and the old lady with such a cold she can't call them.

Already She Had Begun to Prepare. "If you keep on as you have begun. Mabel," complained the young husband, running his eye over the weekly account, "we shall never be able to lay up anything for a rainy day."

"How can you say so, Henry," exclaimed the young wife, righteously indignant, "when you know that I have two of the loveliest rainy-day akirts that were ever made!"-Stray Stories.

Brought It Upon Himself. "What is the woman's offense?"

"She threw a brick at a neighbor, our honor, and hit a man standing be-

"The man is guilty of contributory negligence. If he hadn't been an idiot, he would have stood in front of her. Case is dismissed."-Stray Sto-

Natural Inference. "It seems strange that you never received a proposal of marriage," remarked the sarcastic girl.

"Who says I never received a proposal of marriage?" demanded the

"Why, no one, of course, but I've always understood that you are a spinster."-Chicago Evening Post.

Those Loving Girls. Maude-Mr. De Jones asked me to sing for him the other evening after we had been introduced.

Clara-And what did you sing? Maude-Why, how do you know that sang at all? Clara-Well, I noticed that he didn't

A Difference in Tastes. "I saw you kissing my daughter. I don't like it, sir."

ask you to sing to-night.—Chicago

Politeness in the Country.

sir."-Life.

"Then you don't know what's good,



"Hand me my hat, Schorch!" "What do you want of it?"

"I want to take it off to the parson when he passes!"-Fliegende Blaetter.

"The indicatious are," remarked the man who was looking at the sky with an expression of great wisdom, that it will be cold and raw."

The man who has trouble with the servant girl problem meekly inquired: What are you talking about, the weather or dinner?" - Washington Star.

Frequently.

"Pa, what is a drawn battle?" "It is one in which the enemy has rather the best of it."-Puck.