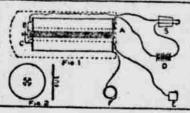
THE COLUMBIAN, BLOOMSBURG, HA.

HERE IS A THRILLER How to Give an Electric Shock While

Shaking Hands.

To receive an electric shock while shaking hands is quite a mystery to your friends. This may be accomplished with the aid of a small induction coll that can be constructed at home. The core, A, Fig. 1, is constructed in the usual manner with small soft iron wire to make a bundle about three-sixteenths of an inch in diameter and about two inches long. The coil ends are made from cardboard about one inch in diamcter with three-sixteenths-inch hole in the center. When cutting the hole, cut it as shown in Fig. 2, so as to leave four small pieces that can be bent out, leaving the projections as shown. After wrapping three or four turns of paper around the bundle of wires the cardboard ends are put on with the projections inside, so the colls of wire will hold them in place. About 70 turns of No. 24 double-covered magnet wire is first placed on the core for the primary and then 1,500 turns of No. 32 or 34 double-covered wire is wrapped on top of the primary for the secondary. Sufficient length of wire must be lert outside from each end of the vibrator directly opposite tions. The vibrator, B, Fig. 1, and the support, C, are made from thin spring steel about one-eighth inch wide, bent as shown and securely fastened to the cardboard end of the coil. The armature is made from a soft piece of iron about three-sixteenthsinch in diameter and three-sixteenthsinch thick, which is soldered to the end of the vibrator directly oposite the end of the core. A small screw is fitted in the end of the support, C, for adjustment, which should be tip ped with platinum placed where the screw will touch the vibrator, B.

One of the primary wires is connected to a flash lamp battery, D. The other primary wire is connected to a switch, S, which in turn is connected to the other terminal of the battery. The switch, S. may be made from a three-eighths-inch cork with the wires put through about threesixteenths-inch apart and allow them to project about one-half inch. The plate E is cut about one-half inch square from a piece of copper and is



Petails of Induction Coil.

fastened to the heel of one shoe and connected with a wire from the secondary cci. which must be concealed inside of the trouser leg. The other secondary wire is connected through the coat sleeve to a finger ring, F. The vibrator screw must be properly adjusted. When the vibrator is not working the armature should be about one-sixteenth-inch from the core and directly opposite.

The coil when complete, says Popular Mecaanics, will be about 21/2 inches long and one inch in diameter. The coil can be placed in an old box that has been used for talcum powder or shaving stick. The space around the coil in the box can be filled with paper, to keep it tight. The coil and battery are carried in the pockets and the cork button put in the outside coat pocket, where it can be pressed without attracting attention.

A CHEMICAL FACTORY

The Chemical Products of the Human Body.

In the presence of the great nervous system physicians are now like prospectors in the Klondike region. A fow fine nuggets have already been collected which prove that they come from rich veine in the mountains around, and no one knows how soon some vein in them may be struck which, followed up, will yield much gold. A specimen of these golden additions to our knowledge is the fact that, among many other things, the Sympathetic actually makes drugs, or true medicine, whose presence in the blood is essential to life.

One of these is now sold over the counter like any other drug. The orlgin of it is from a twig of the renal (kidney) sympathetic plexus becoming at a certain early stage of development rolled on itself like a ball of twine. In time it breaks off from its parent stem, and, being enclosed in a capsule, adheres to the top of the kidney as a separate gland called the ndrenal gland. These adrenals add an internal secretion to the blood whose active principle has been found to be a definite chemical substance. only 1-800 of a grain of which will uncomfortably raise the pressure of a man's blood in all the arteries of his body. This adrenalin, as it is called. is a new medicine with many valuable properties, but it is itself of such purely chemical composition that substances like it can now be made artificially, like artificial indigo. About two tablespoonfuls of a bit-

ter salt like Epsom salts is daily manufactured by the liver, and then can be extracted from the bile. The bases of this salt, called taurin, was fifty-two years ago supposed by the eminent English chemist, Bence Jones, to be like a veritable animal quinine, because he found that the taurin of the guinea pig gave both all the different chemical reactions of quinine and its spectroscopic lines as well. This substance, therefore, he regarded as our natural protective agent against invasions of the blood by micro-organisms. Since then this theory has been considerably modified by the discovery of numerous other drugs manufactured in the body which, because they can combine with acids and form salts, are called alkaloids, some of them, however, being powerful poisons. It is now, generally agreed among physiological chemists that we daily manufacture enough poison in our ailimentary canal to kill us before the day is over were it not that these poisons are neutralized by the liver and other organs before they can enter the blood and thus reach the brain and other vital parts of the nervous system.

Magic and Polson Rings.

The ring began when man thrust his finger through a hole in a pretty shell, and later learned to make rings of jet. The ring is very magical. Lord Ruthven, who helped to kill Riccio, gave Queen Mary a ring which was sovran against poison, and she generously replied with the present of her father's wonderful jewelled dagger, of French work, no longer in existence. Whether Ruthven tooled



The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of

and has been made under his per-Chart H. Tlitcher: sonal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children-Experience against Experiment.

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregorie, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotie substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoa and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea-The Mother's Friend.



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WHAT TO WEAR AND the sport has grown so popular durung the past few years that it constitutes one of society's principal pasttimes in summer. The blouse HOW TO WEAR IT shirt and plain skirt of former years has given way to a dressler costume which follows the lines prevailing in

Our Special Correspondent Writes Entertainingly to Women.

FROM THE METROPOLIS

What to Wear When Yachting is a Serious Question to Women of Fashion-Simple and Jaunty For "fid-Season Wear-A Flowered Silk With Embroidered Filet.

BY JULES THEROW.

The striped linens are carrying all Lefore them just as the striped cloths did. In fact one cannot get away from striped effects no matter what material may be selected for a gown, for they are the design ideal for all smart fabrics.

There are divers ways of employing stripes in self-decorative schemes but none more attractive than the idea exploited in the accompanying illustration. The skirt and jacket are of different design. Broad bias folds of brown and white linen trim the skirt, forming a large diamond in the front. The waist line is elevated and the skirt hung from a belt



SIMPLE AND JAUNTY. plain brown linen trimmed with all brass buttons.

The jacket, too, has the short istline and is trimmed with tuckbands of plain brown linen stitchunder triple rows of linen soutoche braid in the same tone. The front is vestless, nor has it revers, an artistic finish being effected by a flat stitching of fancy braid. The neck is collarless and embellished in the same way. Long, rather loose sleeves make the coat sericeable for late season wear and the hat is a smooth brown straw trimmed with satin and brown wings.

costume which might





DRESSY YACHTING COSTUMES. with a silk finish and the coat of heavy black taffetas, stitched with bands of white silk braided with par. row black silk soutache. The akirt is very close-fitting, extending above the waistline and finished at the top with bands of its own material stitched in girdle effect. A soft white linen blouse is worn under the coat, which has a collar of plain white inffetas

The second costume in palest biscuit color mohair is trimmed with sea-green pongee with large polka dots of white sllk. The skirt has a narrow tuck about the knees, piped with green silk, which gives it the effect of being made in two parts. The blouse, joined to it, with a bolt of the same material, is laid in small plaits and cut in one with the sleeves. A deep turn-over collar is faced with green pongee and the sleeves are finished with cuffs of the same material.

Fragments of Useful Information. Do you know-

perfectly white by washing it in boil-

That two potatoes grated in a basin of warm water give better results than soap in washing delicate flannel or woolen goods, ribbons, etc? That linen blinds can be cleaned

by being laid flat and rubbed with powdered bathbrick? That piano keys can be cleaned as

That a little thin, cold starch rubbed over windows and mirrora and then wiped off with a soft cloth is an easy way of producing most shining results? That a spoonful of mustard in a gallon of water will kill insects in the earth? This is good for potted plants?

That you can make a faded dress ing water?

That salt dissolved in alcohol will often remove grease spots from clothing?

can any old ivory, by being rubbed

with muslin dipped in alcohol?

cated in any of the soft fabrics of the season is depicted above, and through originally fashioned of figured Japanese silk, silk finished nun's-veiling or challis would be quite as effective in addition to the economic advantage gained.

The material has a delicate cream background with a pattern of pale lavender and pink flowers. The skirt is guaged around the waistline below an elevated girdle of broad filet



A FLOWERED SIK DRESS. ince embroidered with narrow silk soutache braid. A band of this same trimming finishes the bottom, being stitched over the hem.

An odd feature of the girdle is the way it is laced at both the right and the left side, though one side only is used in the adjustment, of course. The dress is made in one-piece, but the blouse has a simulated opening formed by a box plate in the front with ruching of soft cream Val lace on either side of the plait.

Broad revers of the soutache embroidered fliet lace trim the upper part of the blouse, suggesting the lines of a sailor collar, while the full sleeves and at the elbows with bands of satin ribbon tied in noft bows.

What to wear when yachting ha become a serious question in the mind of the woman of fashion, f.

That a few drops of essence of sassafras will keep flies away? That cloves or salt sprinkled on a pantry shelf will rid it of ants?

That you can remove the odor of fresh paint from a room by leaving there a pail of water into which several onions have been sliced?

Scraps.

Egg Stains-To remove egg stains from silver, rub the stained part briskly with table salt, then wash in warm soapsuds.

To whiten clothes, put one teaspoonful of borax in the last ringe water. Powder the borax, so that it will dissolve easily. For settling coffee-When eggs

are high, one may be economical in this way; Break an egg in a jelly glass, fill it with granulated sugar. mix, then cover closely. Use onehalf tenspoonful to a pot of coffee. This keeps any length of time.

Apple Jolly--When making apple jelly, try putting a drop of oil of chanamon in it. It improves the flavor.

Corned Tomato Recipes.

Stock toniato soup .--- Take any sort of meat soup and add half a can of stewed and well-seasoned tomatces; strain, and serve with croutons.

Tomato toast .- Stew down a can o, tomatoes till thick, with a tablespoonful of chopped onion, a tablespoonful of chopped parsley, sait and pepper; when the juice is somewhat absorbed pour over slices of buttered toast and serve at once. Do not strain.

Tomatoes au gratin .- Take a car of tomatoes, add salt and pepper and a teaspoonful of minced onion; put them into a deep baking-dish in layers with soft bread crumbs, and put bits of butter on these; repeat till the dish is full, with crumbs on top. and bake till brown.

Promoting Flower Culture.

Flower culture has reached the point among the women in the fashionable Lenox colony where plans have been made for a show upon a large scale.

Marriage in Southern Nigeria.

Among all tribes in Southern Nigeria polygamy is the rule, the reason given by the natives being that it is impossible for one woman to do all the work of the house, look after the children, prepare and cook the food, fetch the daily supply of water (often an arduous job), cultivate the plantation and go to market. And the reason is that the African is an exceedingly nungry person. It is their custom to eat several times a day when at home, and the men spend most of their day sitting in the palaver house, or market place, while the women bring the food all day long. One wife could not possibly do this. Besides, the African lady encourages it, for she says: "The more wives the less work." Among the Ahlaras, Onichas, Obuwus and the lower class of pagan tribes in the interior there is very little form of marriage. As soon as a man has the means he pays the parents what they want in the shape of goats, cows, beads, money, and takes the rirl. There is no ceremony at all. The more wives he has indicates a richer man and that he will be better looked after. If of course they can manage to seize a woman from the neighboring tribe while she is fetching water or working on her farm so much the cheaper. With this method in vogue for centuries no wonder that it is as much as a native's life is worth to go out of his own village and that the country is so backward.

A Real Snake Story.

An old ben with a large family of small chickens was recently given an empty barrel turned down on its side for a coop on the writer's premises. One day recently the hen gave the signal of distress used by all good grangers, and the barrel was quickly surrounded by the fighting members of the bousehold.

A large snake was found in the barrel and quickly lynched. Several bunches were noticed on the reptile's body, and he was ripped up the back with a pair of shears, and seven chickone were found gasping for breath.

affair of Riccio or used a cheaper articie is uncertain. At all events, Mary based on the ring that was an antidote to poison a charge of sorcery against Rathven. The Judges of Jeanne d'-Are regarded with much suspicion her little ring of base metal, a gift from her parents, inscribed with the sacred names Jesus Maria.

with this magnificent weapon in the

It was usual to touch the relics of saints with rings; Jeanne d'Arc said that her ring had touched the body of St. Catherine, whether she meant of the actual saint or a relic of the saint, brought from Sinai to Fierbols. The ring might contain a relic, or, later, a miniature. I fear that I do not believe in the virtues or vices of poison rings. Our ancestors practically knew no poison but arsenic, and Carthagintan science can scarcely have enabled Hannibal to poison himself with a drug contained under the stone of a ring.

White Lettuce and Green Cabbage. "There is a curious difference." says a gentleman of St. Louis who spend large part of the year in Eng-land, between the English and ourselves in the way of growing cabbage and lettuce for the table. With us the cabbage is encouraged to form a head, and when the leaves show a disposition to spread the gardeners some times the a string around the clump to make the leaves grow together. In England, on the other hand, the efforts of the growers are directed toward keeping cabbage green, and they pull the leaves apart so as to expose all portions to the light and give them a dark, rich color.

'We like our lettuce green, but the English want theirs headed up and blanched, so as to have it as white as our cabbage, in other words, they simply reverse our practice, and instead of white cabbage and green lettuce they like green cabbage and white lettuce. Of course it is only a matter of taste, but still the difference is rather curious."

How Mary Stuart Looked.

How did that fascinating witch of all time, Mary Stuart, really look? Andrew Lang thinks he knows. In the London Academy he says: "Mary was a tall, lithe beauty, with a bright pallor of complexion, very delicate, thin arched eyebrows, wide apart, a lofty brow, bright russet hair, red hazel eyes, long and narrow, with heavy white oyelids, a subtle mouth with delicate curves, a beautiful chin, and a rather long, straight noop."

lished. It fills a position of its own and has taken the leading place in the homes of rural people in every section of the United States. It gives the farmer and his family something to think about aside from the humdrum of routine duties.

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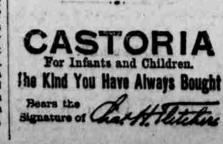
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THE COLUMBIAN.

There are some women who seem to be perennially youthful. The grown daughters are companions as well as children, and the color in the mother's cheeks, the brightness in her eyes, the roundness of her form, all speak of abounding health. What is her secret? She is at the middle age of life when so many women are worn, wasted and faded, and yet time has only ripened her charms. The secret of this matron-ly health and beauty may be told in the brief phrase. Dr. Pierce's Favorite Prescription. The general health of woman is so intimately related to the local health of the delight

local health of the delicate womanly organs, that where these are diseased, organs, that where these are diseased, the whole body must suffer "Favorite Prescription" dries the debilitating drains, heals ulceration and inflam-mation, cures female weakness and imparts to the delicate female organs natural vigor and vitality. Women who have lost their health and their beauty have been made "robust and rosy cheeked" by the use of this mar-velous medicine.



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