BETWEEN now and March the legislatures of the various states will be busy electing United States senstors to complete the upper house of the sixty-second congress. Thirty-three senators are to be elected, and of these seventeen will be Republicans and sixteen Democrats, representing a gain of nine seats for the Democrats and one seat for the Republicans. The accompanying map shows how the states will be repre-

SURGERY LATEST IN

Lengthening of Bones and Mending of Veins.

Most Interesting of Advanced Methods Applies to Stimulating of Osseous Growth Artifically by Injecting Formalin.

New York.-Limbs may be lengthened by stimulating the growth of the bones and cut arteries repaired with metal rings something in the manner adopted in joining water mains, according to methods of the new surgery described in the current medical journals.

One of the most interesting of the advanced methods applies to the stimulation of osseous growth artificially by injecting formalin. This is a solution of the gas formaldehyde used as a disinfectant and preservative, and the liquid has been employed not only in its pure state, but in the two per cent. solution.

The experiments which have been onducted so far by Dr. R. O. Meiseneach are described by him in the Journal of Orthopedic Surgery, and there is an editorial upon them in the Medical Record of this city. Doctor Meisenbach conducted his experiments on the legs of rabbits, selecting usually the right tibias and using the left as a control or means of com-

paring results. results were obtained with the formalin injections. It is said the introduction of the solution, which also Sir Edward Carson, Noted English delity, because men, on account of the fates the secretion of lime from the fibrous tissue which covers the

cartilage and thus builds up the bone. If this method should be applied to human beings, it might be of great value, and the medical authorities think such an application of the dis-

covery is far from remote. It is held that the formalin stimu fation may serve as a stepping stone to a new method of treatment in bone maes which have hitherto baffled the skill of surgeons. Fones which have stubborn compound fractures might thus be made to reunite, and limbs. which are abnormally shortened bone, as is so frequently the case in united. children after attacks of infantile paralysis, could be lengthened.

The discovery might extend even to bones and to various diseases which affect the framework of the body. down the facilities of the wealthy. There are numerous cases where perall the attention which skilled surgery can give, and were it possible to creavoided.

The modern surgeon, therefore, by taking thought may yet be able to add to the stature of man. The results have been very encouraging, according to the scientific reports, for some of the best of them were obtained by only one injection of the formalin.

Joining of the ends of a parted artery by the use of rings of the cases than juries. metal magnesium is described in the last number of the Journal of the

Practical Joker Foregoes Chance to

Laugh When Boss Has Attack

of III-Temper.

Chicago. - Recause a practical joker

had "cold feet," occupants of a cer-

tain South Side Elevated railroad car

missed a good laugh recently, and a

department chief in a large business

concern went to his home, his com-

posure unruffled and himself none the

This man had during the day pur-

chased a shining new alarm clock, of

which he was proud. He exhibited it

to a few of his subordinates about

of experimental surgery in the Northwestern university medical school. They acknowledge the assistance of Drs. Zeit, Wolfer, Violet, Deason and

The vessel had been clamped at either side of the cut, and the ends sewed into holes in the magnesium rings. The tissue is secured firmly, and the two flat rings are fitted against each other and bound together by passing silk thread through the boles in the rims. This is only a general description, for there are variations of the success specified.

The rings thus fitting flush against er, form a union. The clamps are removed and the blood stream flows as necessary children. ever through the accustomed channel. The metal of which the rings are made is only slightly acted upon at the salt. They are thoroughly sterilwater which is only slightly saline.

For 30 days the rings hold their original shape and at the end of that work. period they begin to break down and in from 80 to 100 days they have been completely absorbed into the acterized as "the meanest man in New system

the operation safe, certain and easy, buy a bucket of beer

and brings it well within the skill of the average surgeon. They declare that the operation is applicable in all wounds of the large vessels and that it is possible to remove a short piece of the injured blood vessel, bring the extremities together and then to re-establish circulation by making an end to end union in the simple mechanical manner they have

TEACH MEALS AND MANNERS Efforts Being Made to Train English Children on Table Etiquette-

See Benefits. London.-Efforts to train the poorer children of London to be "well-mannered and well-behaved" are being made by the London common council each other and tightly bound togeth- education committee in the course of the arrangements for feeding the

The general appearance of the average necessities child has been improved, the report declares. Some first by the fluids of the body and children, however, remain ill-nourished, mainly through unsuitable food ized before their introduction, either or lack of digestive power, or other in distilled water or a spring or lake causes, such as bad teeth, hurried meals, drinking strong tea, insufficient sleep and chronic fatigue and over-

Judge Finds Meanest Man. New York.-John Lloyd was char-York" by Magistrate Krotel the other Conclusions the surgeons reach is day. Lloyd was accused by his wife that the use of these rings makes of selling her only pair of shoes to

He also availed himself of mechanical means, but the most satisfactory BIG COST AS DIVORCE CURE

Lawyer, Would Make Erring People Pay Dearly.

London.-Sir Edward Carson, K. C., who practiced in Ireland for many YOUNG SPINSTERS MAKE VOW years before coming to England, and who was an expert witness before the divorce commission here the other day, expressed the belief that every obstacle should be thrown in the way of those who sought divorce to make

it difficult to obtain decrees. He said it would be a fatal mistake to make the obtaining of divorces easier. He believed a judge should exhaust every effort to induce those seeking divorces to settle their diffithrough the arrest of the growth of culties out of court and to become

When Sir Edward was told that working people had not the facilities of the wealthier to obtain divorces, he the treatment of tuberculosis of the invariably replied that he would equalize matters if he could by cutting

In Sir Edward's opinion, the damages sons who have broken arms or legs given in divorce cases are as a rule enare crippled permanently even with tirely adequate. He thought it would be a salutary thing if the damages were much heavier. In the case ate new tones at the places where it of a man with £20,000 to £30,000 a is required many a limp would be year who coveted another man's wife and took her away from him the dam-This certainly increases the worth of a wife.

When asked if he would not be in favor of leaving the matter of damages to the judge, Sir Edward replied mium of a dowry may be offered. that he thought judges were inclined to be even more parsimonious in such

In reply to a question from a member of the commission the lawyer said | Vieil, who was wounded on the occa-American Medical association by Drs. he would put the sexes on terms of sion of the anarchist outrage against Lespinasse, G. Carl Fisher and equality and advanced the startling the king in the Rue de Rohau, Paris, Elsentaedt, in an article descrip- theory that a woman should not be has sent a check for \$100 to the man's tive of their work in the department able to divorce her husband for infi- widow.

customs of the age, looked upon this matter in a different way from wom-

Six San Francisco Maidens, Fearing Divorce, Agree Never to Enter Matrimony.

San Francisco.-Society was surprised the other day by the announcement that six debutantes of last season-Miss Agnes Tillman, Miss Dorothy Van Sicklen, Miss Lillian Van Worst, Miss Anna Olney, Miss Marion Davis and Miss Josephine Johnsonhad vowed with solemnity, ceremony and seeming sincerity that never would they consent to be shackled

with the bonds of marriage. In a season's whirl they say they have observed that glamor fades and romance passes away; that the prince cuts a sorry figure in a divorce court. The days of chivalry are no more, they sadly assert.

It was on the eve of her debut that one of the social favorites learned of the ways of the matrimonial mart. She chanced to read an attack on the marriage market of society, in which stock. This is not profitable. ages should not be £5,000 but £100. It was set forth that girls were presented like wares to be disposed of as soon as possible, at high figures at first, then at reduced rates that become lower each year until the pre-

> Alfonso Sends \$100 to Widow. Paris.-King Alfonso, learning of the death of a Paris policeman named

> > ANTIDOTE FOR

Cooking Saves Domestic.

First Lightly Brush Sting Away Is Another Remedy.

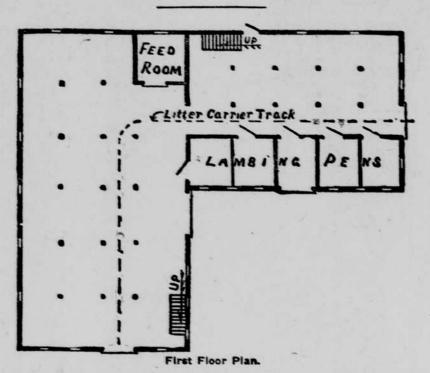
(By BESSIE PUTNAM.) "I can't prosecute the girl. Help is scarce, and it would take months to

find a cook like Clara." She was released and went back to

London.-Part of a panel of arras tapestry, which originally belonged to

DIRECTIONS FOR ERECTING PRACTICAL SHEEP BUILDING

First Floor Arranged With Posts for Attaching Wire Fencing for Partitions-Lambing Pens Are in Warmest Part.

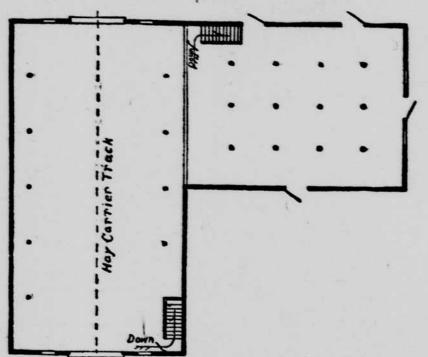


excellent plan for a large sheep barn, using gates when necessary. which F. L. Marsh describes in detail

as follows: stone or grout. The posts strongly space may have the dimensions

The accompanying drawings, shown | light, some of the windows can be by Farm, Stock and Home, embody an glazed, but usually doors will be open,

The second story holds much more roughage than will feed the sheep. Foundation and post footings are of The barn is thus suited to the frequent conditions of plenty of stable room and support the upper floor, and furnish lack of storage for roughage, or where points of attachment for wire fencing part of the hay is sold. Also for partitions. The lambing pens are in storing roughage to be fed out of the warmest part. The remaining doors. The main part has gable doors and track for hay. The "ell" has sevchanged as occasion requires. Feed- eral doors, and may have hay track. It ing racks are movable, and may form is for oat hay in bundles, shredded or part of the partitions. Part of the bundle fodder and straw. By using the



space may be used for young stock, in | blower it is easily filled. Grain may be placed in second story, drawing it

Windows are fitted with open sash, down to feed. covered with two thicknesses of mus-Roof has prepared roofing; sides iiu. This will furnish ventilation, but have the same in light weight over may be supplemented by roof ventila- cheap boards, or it may have a tors. In case there is not sufficient drop siding.

WINTER CARE FOR ANIMALS

Sudden Change From Pasture to Grain and Hay Feed Has Often Been Cause of Sickness Among Stock.

(By R. B. RUSHING.)

I find from experience that it is most profitable and will cause as little shrinkage as possible in the milk flow or loss of weight in the animals, interchanging from grass to grain and food. hay, that such changes should be gradual.

I think at least ten days or two animals from their fall quarters of and receive very little attention if any till some stormy time comes and then fed lots of feed which is pitched to tentilation. them any way and usually the consequence is some sick, and perhaps dead

Very often during the season when the animals are to be changed the food allow the animals as much liberpasture is rather short and sometimes tough, while if the fall rains have barn, only putting them in the barn been plentiful, the grass may be in at milking time and during the bad fairly good condition but if the ani- weather, until they become thoroughmals are allowed access to a rack full ly accustomed to the new conditions. of good sweet hay they will begin eating the hay even while the pasture is quite good.

accustomed to the change gradually and there will be no danger when put on dry feed.

In this way the animals will become

I think one of the best feeds to be the feed as possible.

given immediately after removing from pasture is some kind of roots, turnips or beets which may be fed at this season of the year to the best advantage and will assist the animals in getting to the corn and hay.

In feeding forage at this season of the year it should be of the very best quality as the animals must be tempted with rations of the very best

When there is some old hav in the barn do not feed it now. It will come better during the cold weather when the animals naturally have a good appetite and are well accustomed to dry

Animals should be kept out of doors as much as possible and should be stabled only when the weather is bad. weeks should be taken to shift the In fair weather never stable stock unless it is very cold as they like to grass to winter quarters of grain and be out in the open air and it is better hay. I too often see animals out in for them than being shut up in the the pasture until very late in the fall stables. But, when they are in the stables and the weather is not too severe see to it that the windows are they are hustled into the barn and open so as to have an abundance of

> In the early winter the animals will suffer more from close confinement than from too much ventilation. When changing from grass to dry

ty as possible in the yards about the

Animals on pasture naturally take exercise. In grazing they will walk miles. The change from this condition to a narrow stall is rather severe and due consideration should be given in allowing them at this time as much freedom and open air while changing

keep cool, and never make a quick motion with them.

Itching Skin. It is said that in case of itching skin the horse should be clipped and the grain ration cut down one-half. No corn should be fed. The animal will do best on oats, bran and hay. Green grass often leads to itchiness of the skin. After clipping apply to the itching parts, as required, a mixture of one dram each of diluted sulphuric acid and carbolic acid in a pint of water. A little menthol added is effective where itching is excessive. Wash the affected parts before first application of medicine is made. Should the trouble continue, give a tablespoonful twice daily of a mixture of equal parts of powdered wood charcoal and granulated hyposulphate

Cattle in Argentina.

The Argentine Republic is a great cattle producing country. In 1909, no fewer than 130,000 head were exported. A great amount of frozen meat

Fancy Feathers and Wings



nery, look with interest upon each most universal. wearer of plumage and each separate | To use them effectively, where they feather. Many thousands of persons are large or elaborate, one must spend their working hours sewing choose a proper shape and color, and pasting, wiring, branding and other remember that the hat and other trimwise manipulating the plumage of ming stuffs are to be considered as a birds (mostly domestic fowls) into background for the feather. In the exnew forms. Each feather is regarded ample shown the velvet shape and ribwith an eye to its possibilities in the bon bows all in one color and shade, evolution of something new by the frame in the handsome piece mounted manufacturers. Even the tiny feath- at the front. ers from the neck of the pigeon or peacock are handled separately, in this way. The other trimming selectmaking up the most expensive pieces. ed for the hat, leads up to it, and the Just lately, large butterflies made of fancy feather is to be used as the finthese, pasted to a foundation, covered on the outside and inside of the But milliners, and therefore manufacwings with the tiny feathers have turers, are regarding with ever inmade us marvel at the work of the creasing favor, those feather pieces designers. You can imagine the that are almost if not quite a comsheen of the wings and the splendor plete trimming in themselves. of color. The bodies are of velvet | Nearly all the wings worn on hats and the antennae of wired chenille or | are "made" wings, which term distin-

shown, in which the form is purely difficult to believe they are put toartificial, that is, not made to copy gether by the hand of man. A pair any particular natural object, but an of such wings springing from a band arrangement of plumage from differ- of feathers, is shown in Fig. 2. The ent sources into an ornamental piece. band and wings form a single piece The designer must consider whether for which the velvet-draped turban his work is to be worn at the front, makes an effective background. Such back or sides of a hat. The piece feather pieces make the work of the shown is made for the front. Beau- home milliner easy. tiful and wonderful color studies and

THOSE who make up feathers into | graceful lines are brought out in forms that are to decorate milli- many of these decorations now al-

A small feather piece is not used in ishing touch, simply part of a whole.

guishes them from "natural" wings. In Fig. 1 a fancy feather piece is They are made so cleverly that it is

JULIA BOTTOMLEY.

PRETTY DRESS FOR A GIRL NEW DRESS TIP FROM PARIS

Simple Model That Calls for Either Serge, Fine Cloth or Cashmere.

Serge, fine cloth or cashmere might be used for our simple model, which tells us that white or cream-colored is made with a panel front laid on voile, embroidered heavily, will be sides in a wrapped seam, and trimmed the approved thing in lingeric dresses with buttons sewn on in sets of three. for early spring. That seems to be One tuck is made on each shoulder, looking



For Small Girl.

stitched to waist back and front; the these other effects. skirt is gathered to waistband, which connects it to the bodice. Materials required: Four yards 48 for next season. I'm going to! inches wide, one dozen buttons.

New Winter Perfume.

During the winter season perfumes the fragrance of the flowers are preferred and much time and skill is experfumes before a new aroma is per-

A new and delightful odor is called Mi Nena, and those who like the oriental scents will certainly make this popular, for it is delicious. It is rather an expensive perfume, but then it is lasting and little is required.

Lace Flower Pins.

The latest in dainty and charming pins for wear on collars and cuffs is a lace flower crocheted around an ordinary small safety pin. The flower is usually in violet form, though in white, and stands out stiffly from the pin.

When crocheted to a violet pin, it may be used to fasten jabots of flow- grotesque there is a piled-up mass of ers, and it is just as pretty, though not quite so new, as applied to the hatpin, A set of these lovely white lacepinsthree for collar, two for cuffs-two on evening gowns. Dressmakers have hatpins and two stickpins would be not ventured to introduce it on nouse the prettiest present a bride or a traveler to Europe ever received.

The bar of the safety pin crocheted over and over to hide the mourning dresses will give it prestige steel. In black, with black pins, they in England that its mere appearance solve the question of what to use in mourning.

Gloves.

The gloves of tan dog-skin or of gray undressed kid are the correct things to wear with the tailored suit, many occasions and the prettiest fancy may be bought for \$1.50 a pair. They are soft in texture and wear well.

White or Cream Colored Voile, Embroidered Heavily, Approved Thing in Lingerie Dress.

The very latest news from Paris ing a good ways ahead, but if you do your own embroidery you will want this time to get ready in.

Really the possibilities are endless and fascinating. Either heavy embroidery (wallachian, for instance) will be used, or beadwork with rubber beads, or a combination of the two. Can't you just see a wall-of-troy design, worked solid in white and outlined beads? Or, perhaps, the beads would be black, and a black hat would be worn with the dress, or Alice blue, or old rose, or some other becoming and striking shade

How pretty this would be in a three-piece suit, with the embroidery consisting of a skirtband, side plaits on the waist and collars and revers on the coat! Then there are other ideas-a Persian design worked out in vari-colored beads, for instance, or a spray of heavy flowers, morningglories or passion flowers, with centers and veins accentuated by means of beads in the proper colors. In this case, the embroidery itself would be equally attractive in life colors or in white, or even in black.

Then there are all the metal effects. How lovely bronze would be on cream voile, or silver on pure white! Voile has the advantage of raveling easily. and so it would be quite possible to draw a thread all the way along the materials and work from that. Even drawnwork could be combined with

Doesn't it make you want to start right away? Do have a dress like this

Velvet Bags.

When you gather up the scraps of your velvet afternoon dress, don't suggesting the oriental rather than throw them away. Make them up into a soft bag that should be carried with the dress. It can be square or round, pended every year by the maker of and whatever other material you wish can be combined with it. A long silk cord, or silver or gold if you wish the metallic note, must be attached. This is thrown over the arm. Beads, embroidery, little patches of

tapestry or brocades and braid or lace. are easy ways of decorating the flat upper surface. Just as a personal touch, embroider

your monogram in a circle or diamond down in one corner.

A Square Train New.

The latest curiosity in feminine attire is the square train, a geometrical arrangement which has a strange appearance. To make it slightly more trimming upon it. Its origin is a continuation of the long back panel. It has a certain vogue already, but only or street frocks. The fact that Queen Mary approves of the square train and has had it on several of her could not obtain for it. English women have learned to cling to the short skirt and would have resented the square train except for royal approval.

Tapestry-covered hats, the tapestry but the white glove is permissible on in bold patterns of soft and old tints on a light ground stretched tightly in a white glove is the thick kid which over the frame, come in wide picture shapes and close mushroom models They are untrimmed.

Tapestry Hats.

the office, and remarked how he liked to rise with the early bird and watch it capture that traditional worm. The starm cleck would enable him to get up early daily, he insisted. While the chief was out at luncheon

the practical joker conceived the idea of setting the alarm clock, which the

exact time of day the prospective victim stepped into the elevated train to go to his home. Accordingly the tiny hand upon the dial was set and the springs wound as tightly as they would go. The joker and fellow workers whom he had apprised of the joke snickered among themselves. Just then the department head,

wildeyed and furious, burst into the room with his hands full of papers. "This bill of sale is all balled up."

"Trouble," one worker whispered to the Jones' domicile. "Trouble," said the office boy to the

At this juncture he who had prepared the clock thought of what might | Cardinal Wolsey, was sold the other happen when the tired man, riding day at auction for \$33,000. The buyer ome on the "L," was put to the dis- was Captain Lindsay, who often acts comfiture of the hidden buzzing and as the agent of an American resident ringing in the box within his over- in London. His bid overtopped that of coat pocket. The moment his "boss" the representative of the Victoria and owner had neatly wrapped in the box left the room the alleged joker, fear- Albert museum, who tried to buy the in which it came, for 5:15 p. m., the ing for the permanency of his own tapestry for the nation.

"Cold Feet" Saves His Job position, crept cautiously to the desk. unwrapped the clock and slipped the 'silent" lever into place. The joker, thanks to his foresight,

is still in the employ of the firm.

Pittsburg, Pa.-Charged with stealing jewelry and silk dresses, Clara Elexander was released after her employer, Nathan Jones, had testified against her. When it dawned upon James that his cook must go to jail he said:

Wolsey Relic at Auction.

STING OF BEE

and Then Lay Slice of Onion Over Puncture-Ammonia

A looker-on, attacked by a mad bee, can usually escape by sliding among the branches of a tree or sinking down into the grass. The bee soon gets confused by the surrounding leaves and seems to lose trace of its game. If stung, lay a slice of onion over the puncture, first brushing the sting

lightly away. Renew this every few minutes until pain ceases. Ammonia is another effective antidote. But neither of these should be used while working with the bees, as the odor enrages them still more Never pull the sting out, but brush it lightly away. It is a tiny poison

tube, and if pressed, sends the contents deeper into the flesh. Above all, in handling bees, learn to and chilled meat is shipped.

of soda.