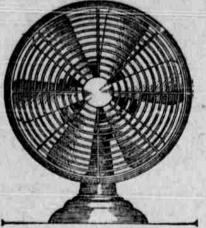




Precludes Possibility of Any One Getting Fingers Dangerous Near to Blades.

A new type of fan guard, manufactured especially for the Electric Shop, Chicago, consists of concentric circles of wires close together in front of the fan blade tips. The fan is thus inclosed in a veritable network, which precludes the possibility of the baby



Unique Fan Guard.

or a careless individual getting the fingers dangerously close to the blades. Another feature is the use of six blades instead of four, a reduction in the amount of vibration being thus secured, the fan running almost noiselessly. Since this fan will be largely used in residences and offices, the

with an all cold lunch.

Occupies Full Length of Window and Is Operated by Means of Small

Many Modern Electrical Devices fo

Housewife Greatly Lessen Work

In Various Ways.

The traditional halo surrounding the "comfort of home" has grown in

The electric lamps, which illumin-

closets included-are always in place

and ready at the mere turning of a

switch to do service which could for-

wonderful device for meeting emer-

much-in-demand comforts.

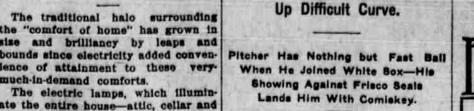
place

Electric Motor.

A huge jack knife taking up almost the full length of a show window is in itself quite enough to attract attention, but when this large knife slowly

A Sharp Attraction.

opens and closes its blades, the attraction seems complete judging from the number of people who stop to



TRAINING TRIP STAR

"Texas" Russell Quickly Picks

Oftimes the career of a budding baseball player hangs by a thread. One little turn of the wheel may merly be had only by striking matches send him back to oblivion or into and carrying lamps from place to the calcium of fame. Albert (Lefty) Russell, of the White Sox, is a case The electric heating pad is another in point. Today he looks like one of the real finds among southpaws in regencies. The electric heating pad is cent years. Yet he came mighty near such a soft "comfy" article that in enbeing shipped back to the bushes.

dears itself at once to anyone who Russell, who is called Tex. or Reb. has ever had to bother and fuss with filling a hot water bottle and trying to because he came from Bonham in the Lone Star state, has had exactly one keep the water at an even temperayear of professional baseball experi-The electric pad is made of soft, ence. He wound up the season at Fort pliable elderdown and can be kept-Worth in 1912, but was only there one month. The rest of the year he playat any desired temperature. When ed on the Bonham squad of the Texused with a rubber cover it can even as-Oklahoma league. Prior to that he be used for applying wet poultices and keeping them warm enough to was a semi-pro, content to make his \$10 or \$15 per week. do their work most effectively. And

all this by simply attaching the pad While in Texas several scouts heard of this big fellow who seemed to an electric light socket. When it comes to wanting all these things in to have lots of control but little bethe middle of the afternoon or night sides that and a fast ball. Comiskey this simple procedure is leagues in happened to get hold of him, and advance of the old method of an es-"Tex." reported for his tryout at Paso Robles late in February, and he conpecial fire for heating water or cloths and of running back and forth be tracted la grippe on the journey. He tween stove and patient with the hot was under the doctor's care for nearly a week at the training camp.

The electric heating utensils which This wasn't an especially good are now common would have been a start for a green hand. Callahan and blessing to grandmother. It is so Gleason looked him over carefully casy now to have an afternoon lunch and discovered his curve was of the or the Sunday evening tea. The elecround-house character-the kind that tric disk stove and an electric tea big league batters literally eat up. kettle have the happy faculty of mak-So Gleason set about to teach him the ing a warm lunch with no more work difficult hook curve. Much to his surinvolved than is ordinarily the case prise "Reb." picked it up in a single day. He was able to get a terrific break to the ball with the over-arm JACK KNIFE IS ATTRACTION motion, but couldn't control it-as was natural.

home

Russell was shipped along with the ning into the nouse for a drink every Yannigan crowd and had exactly two five minutes. Hide animal crackers trials in the month of traveling. The first was against a team at Redlands, there is a whole menagerie hidden un-Cal., and he won that game, striking der the bushes, in the grass and even out 16 men. But he looked awfully in the benches of the trees; give each green then, didn't field his position one a paper bag in which to put the especially well and didn't use the hook at all. He depended entirely on his speed.

In the meantime negotiations were under way to have him sent back to the minors when, by chance, Acting finder. Manager Gleason of the Yannigans sent him against the San Francisco team. "Reb." shut out the Seals and held them down to five hits. He had the hook working wonderfully well and showed a big improvement in fielding the job.

each plate. Delicious small cookies Gleason immediately wired on to Callahan to withdraw waivers on the may be ornamented with daisies made from blanched almonds, the stem and youngster: "He seems to have the makings of a great pitcher," Gleason leaves of angelica! fasten them on with frosting. said.

Albert ("Texas") Russell.

Against Summer Ball.

No Charge for Name.

to Gadsden.* The name was included

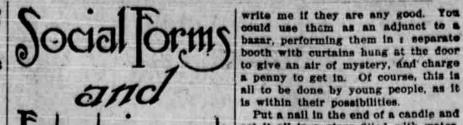
rounds, including Joe Jackson.

fellow.

evenly split.

without extra charge.

A couple of weeks ago Russell was his first trial in the major ven



and

An Outdoor Birthday Party.

set it all in a glass filled with water. The nail will steady the candle, which will burn until nothing remains, always rising above the surface of the water by reason of the decrease in weight.

Take a small picture cut from a paper or book, and wrap it tightly around a candle. Light a match or another candle and hold the flame near until the paper becomes transparent. Unwrap the paper, and every one will be astonished to find the pic-

How children do love parties, birthture printed on the candle. day parties especially, and every Put a candle unlighted in a basin child is entitled to one day out of the of water. Let several try to take it year for his or her very own, and of out with their mouths, not touching course this is the natal day. I won- the candle with their hands. Every der if mothers realize they are mak- one will fail. Then you put your face ing history and how very short the in the water, and, when your mouth is time will be when these wee tots will near the end of the candle, draw in a be saying: "When I was little we did deep breath, and the suction of the so and so." I am reminded of an eldwater will draw the candle into your erly woman who always counts back mouth.

to her sixth birthday and the sake Allow some drops from a lighted which she chose for the occasion was candle to fall into a basin of cold wa-'roll jelly." The young mother was ter. This grease will form flowers. not an expert cook but she had prom-String these on a wire with green ised the child she would chose the leaves made from paper, and an inkind of cake she wanted, and, let me teresting plant will be the result. add, she made it, and it was glorious Heat a piece of wire and stick it in the child's eyes and has gone down crosswise through the middle of a candle. Make a wick at both ends. into the annals of a happy life with many a birthday cake and a party. Balance the candle on two tumblers. Remember, children are the most Light the wicks, and the dropping of the candle grease will make the satisfactory of all guests, the very fact of dressing and going to a party candle sec-saw, faster and faster as the flame grows hotter. This is a and bringing home the spoils is bliss. Provide little baskets of dainty tissue pretty experiment. paper bags in which to put the favors

Pastimes For Outdoor Parties. and candles, and even the cake, for Did you every try "Blowing the Cone?" The youngsters will love it. some kiddles love to take samples

Make a large cone of stiff paper and Now for the party. We will need a lawn, some trees and a big porch slip it on a string stretched between two trees about three feet from the and then with these accessories there ground. must be a big bowl of lemonade on

Give each child a try to see if by hand under a Japanese umbrella, the blowing into the large end of the stake or handle being driven into the cone they can send it across the ground. Children are always thirsty string. The art is to see who can and this will prevent them from runsend it over with the fewest "blows." Another very good amusement is to the a knot in a clothes line and stretch over the grounds and tell the guests it conveniently high between two trees or posts, blindfold each child in turn and give him three clothes pins. Then see who can come the nearest the knot. Each pin is marked with game and give a little prize to the the player's number; for instance, one who finds the most. A small flag three will be marked "I," three "2," may be hidden and that will make anetc. This gives each one three trials. other hunt, the gay little "stars and If the party is a large one it will be stripes" being pinned on the lucky best to let each child have just one pin and instead of numbering the The "eats" will be the climax of the clothespins could have colored ribbons party and the cake should be lighted tied to them, each child to remember with due ceremony and the children his or her color.

MADAME MERRI.

Gray Pumps Popular.

For several seasons pumps have been very modish for street wear, but fashion decreed they should be of tan, white or black only. This season, however, one finds gray quite

Snapping motto caps always give as popular as the other colors. The colonial pump of gray or tan suede

guard is neatly finished in bell cop-**ELECTRICITY TO AGE CHEESE** Industrial Electrician of Rotterdam

Perfects Device After Long Series of Experiments.

Another use has been found for electricity, that of aging cheese. An industrial electrician of Rotterdam, Hol-

land, through a long series of experiments found that he could take an absolutely fresh cheese and in one day actualy "age" it two years. In other words, by means of electricity he would make this fresh cheese have all the consistency, taste and appearance of a fine cheese that had been stored away and carefully aged for two years.

He takes a fresh cheese and subjects it to an alternating current. At the end of twenty-four hours of constant alternating electrical currents through this cheese it possesses all the properties of a fine two-year-old

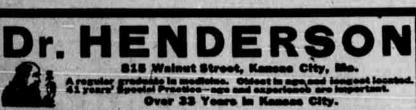
cheese



applications.

Bottle or Keg

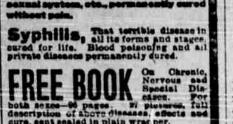
Henry Krumwiede, Dakota City, Nebraska

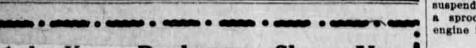


ST AT CHRONIC, NERVOUS AND SPECIAL BISEASES.

Seminal Weakness and | Variocoele the service Sexual Debility, of youthful

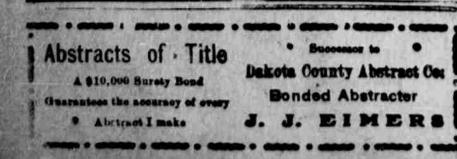
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If they Don't Have Them, write or call on Sturg es Bros., 411 Pearl St., Sioux City, Ia



Aerial Car is Propelled Along Cable which the knife rests.

by Means of Gasoline Engine-Eliminates Walking.

The future lineman may possibly ravel in an aerial car propelled by a gasoline engine if the invention of Henry M. Preacher, Brunson, S. C.

is put into operation, says the Popular



Lineman's Aerial Car.

Electricity. Furthermore, the line man will not need to alimb poles or do any walking but will be carried along near the wires he is caring for. Depending from the cross arms are brackets carrying a cable. From this by means of grooved wheels a car is suspended, the whole being driven by a sprocket chain connected to the engine in the car.

Electricity From Coal. Experiments by two English scien- into a silo. tists give promise of a solution of the rectly from coal without using a steam engine and dynamo.

India's Coal Production. India is now producing annually electrical machinery is being introduced into its mines.

Reduce Glare of Tungsten. For reducing the glare of a tungsten lamp without lessening its light a globe has been patented with longitudinal corruzations on the outside which diffuse the light so that the entire globe appears to glow.

Coal in English Mines. The suggestion of an English scientist that coal be burned in mines and built at New York. the resulting gas utilized to produce electric power for general distribution will be acted upon in an experimental way in the near future.

Powerful Signals. Electri light sign a powerful enough to be seen in the day, are rail as a train passes over it. being adopted by several electric railroads in preference to semaphores as they save the expense of motor driven the time signals sent out by wireless mechanism.

Sensitive Substance. discovered a substance more sensitive to wireless waves than any now in use and to have perfected receiving

apparatus which does away with all outer wires and antennae.

through the side of the box upon

SWITCH TO REGULATE HEAT

Recent Invention Makes It Possible to Use Low, Medium and High Electrical Temperatures.

Experience has shown that such devices as electric water heaters, heating pads, table stoves, chafing dishes. frying pans and frons are operated more economically when it is possible to use high, low and medium temperatures. Therefore, a manufacturer has placed on the market a three circuit switch, which may be attached to the flexible cord supplying current to any device at any point desired. It consists of a small cylindrical brass shell from which project two push buttons. The light colored button, when pushed, gives the low temperature, while the black button operated alone supplies medium temperature. If the highest degree of heat is desired both buttons are pushed.

A progressive Ohio farmer uses an electric motor to run a fodder cutter and a blower to blow the cut fodder

An almost pure white light has been problem . of producing electricity di- obtained from mercury vapor lamps by a German electrician who has added a small portion of cadmium to the

The largest direct current generator for turbine drive and the largest turmore than 12,000,000 tons of coal and bine driver gear in the world have been built for a Cleveland electric company.

A tank vessel with a capacity of 15,000 tons and driven by oil motors is building in Germany for an American oil company.

Wireless connection between the principal Catholic churches of Italy, France and Austria and the Vatican is being arranged.

More than 4.600 miles of copper wire will be required for telephones in a big office building which is being

The electrification of Berlin's suburban railroads at an estimated cost of \$30,000,000 is being considered by the German government.

A new German electrical device to enable a moving train to set a signal makes use of a slight sinking of a The tower of a tall church in Switzerland has been equipped to receive

Tiffel tower in Paris. from " The of Twin Falls, Idaho, claims

to use more electricity for heating and A French inventor claims to have cooking in proportion to population than any other city in the world. An electrically heated drying form for newy made hosiery that a Massachusetts man has patented correctly creases stockings as it dries them

LINEMAN TO TRAVEL IN AIR tricity is the motive power is the end of the motor shaft which projects nings against Cleveland. The first this season and they are lovely set to man to face him was Lajoie. This

going outdoors and are not harmful. Ice cream may be served in orange halves, thus making baskets with smilax for handles. Orange ice is very good served this way and is not so rich as ice cream. The party stationery that comes for parties is a joy to use for the invitations and the "Sunbonnet" baby cards are attractive also. The "five and ten" cent store will furnish any number of trifles for a fish pond if one cares for this, or for a grab bag, or better still, for a "fairy tree." Tie the parcels onto the low branches and let each child elip off one with a pair of scissors. Anything that makes for mystery is an adjunct to a child's party.

allowed to blow out the candles. Cun-

mal crackers together with icing, and

thus made they will stand upright at

ning favors are made by sticking ani-

Candle Tricks.

Children and even grownups enjoy after-dinner tricks and I give these just as they came to me. They are all

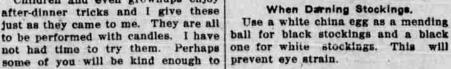
with self-covered buckles is extremely smart for street wear, as are the black or tan Russian calf ones and the white nu-buck, patent leather or bronze kid ones. The Spanish heel is the favorite.

The Tassel Earring.

Earrings are again coming into fashion. The latest are composed of seed pearls. Ten or eleven strands of these hang from a diamond top, forming a tassel about half an inch in length. This little tassel is again suspended by a single thread of pearls from a single stone diamond top screwed into the ear.

These earrings were first seen in Paris worn by a manikin of one of the famous dressmakers, and they have been adopted by several of the smart society women and actresses.

some of you will be kind enough to prevent eye strain.





Models show the use of one material for the entire dress. All three dresses are of ald rose cotton crepe with lingerie collars.

