

### Cuddle Toys from "Odds and Ends"

Fun to sew—inexpensive to make—excellent for Christmas gifts is this collection of cuddle toys. Two pieces with just the necessary "trimmings" of ears, mane and tails extra. The kiddies love them! Use up those odds



Pattern 5932.

and ends and make your toys as colorful as possible—in short irresistible. In pattern 5932 you will find a pattern of the three toys; directions for making them; material requirements.

To obtain this pattern, send 15 cents in stamps or coins (coins preferred) to The Sewing Circle, Household Arts Dept., 259 W. Fourteenth St., New York, N. Y.

Please write your name, address and pattern number plainly.

### When Sales Drop

Between 1929 and 1933 the expenditure for advertising in newspapers and periodicals dropped 50 per cent, but the value of manufactured products showed a much greater reduction percentage.

## IT'S GREAT TO BE BACK AT WORK

when you've found a way to ease the pains of RHEUMATISM and do it the inexpensive way, too.



You can pay as high as you want for remedies claimed to relieve the pain of Rheumatism, Neuritis, Sciatica, etc. But the medicine so many doctors generally approve—the one used by thousands of families daily—is Bayer Aspirin—15¢ a dozen tablets—about 14 apiece.



Wasted Treasures Many a beautiful library is only looked at and pointed at by the owner.

### A Good Laxative

The bad feelings and dullness often attending constipation take the joy out of life. Try a dose of Black-Draught at the first sign of constipation and see how much better it is to check the trouble before it gets a hold on you. Black-Draught is purely vegetable and is so prompt and reliable. Get refreshing relief from constipation by taking purely vegetable

### BLACK-DRAUGHT

WNU-4 47-37

### HELP KIDNEYS

To Get Rid of Acid and Poisonous Waste Your kidneys help to keep you well by constantly filtering waste matter from the blood. If your kidneys get functionally deranged and fail to remove excess impurities, there may be poisoning of the whole system and body-wide distress.

### DOAN'S PILLS

### LAZY MAN'S LUCK

By E. P. WARE Copyright—WNU Service.

THE black eyes of "Cornpone" Joe Beasley glittered evilly as he crouched in the shelter of a buckeye bush on the steep slope of "Old Whetstone," he looked out over Black river, flowing deep and swift, two hundred feet below. He shifted his long rifle and swore viciously.

"Cornpone" Joe Beasley was a trapper's country!" he complained. "Time was when a right peart trapper could make his salt hereabouts, an' more! Now it's pearls, pearls! Nothin' but pearls an' muskels, an' back-bendin', an' sweatin'! But danged if I've done it yet, an' danged if I will! An' that settles it!"

Ever since the little flat-bottomed bateau bows equipped with windlasses, rope and anchors, began coming into the three mile stretch of water between Black Rock and Powhatan, in Arkansas, the trapper, Cornpone Joe had ceased his more or less spasmodic activities as a trapper of small fur animals, and thenceforth compromised with work by putting in his time hating and reviling the knobby knees of a recumbent giant. There he had brooded alone; for, though nearly thirty years old, Joe was unmarried.

"Keeps me a-humpin' lak th' devil to git enough sawpore for one an' th' davey, lak alone a wumman," the lank trapper had once confided to an acquaintance, incidentally conferring upon himself a nickname which was to endure.

But Joe Beasley had never been known to hump himself in any cause whatsoever. His nearest approach to a display of real energy was in the perpetration of malicious mischief or in pursuits likely to yield something for nothing. His hostility toward those who toiled on the river was but a part of his antagonism toward manual labor of all kinds.

"Work! Work!" he spat, this, loose lips curled back from snuff-stained and broken teeth. "Sweat an' strain! And what comes of it? One in fifty ketches enough slugs an' buttons to barely make his salt. One in five hundred makes as much as he could at th' button factory, an' works twice as hard. Maybe one in a thousand gits him a fortune."

Joe Beasley was after something new. News had come up the mountain that morning that Asa Bright had taken a fortune in pearls from his haul the day before. Ten thousand dollars, rumor had it, and the pearls were still to be seen in the Bright cabin in Canaan. Ten thousand dollars in pearls was enough for Joe even the imagination of Cornpone Joe, and excite his cupidly—especially as there appeared to be a chance to possess them without any labor whatsoever.

Crouched in the shadow of the buckeye bush, Joe waited for darkness, and as he waited he planned his raid on Bright. The Canaanites were trustworthy and trusting; few ever thought it necessary to lock a door, and somewhere in the Bright cabin (which would undoubtedly be unprotected, Asa being a guileless soul) pearls could be come by—provided the right man went after them.

In Joe's mind there was no doubt that he was the right man. As darkness came on, the pearls, one by one, quit the river until only one was left. Dupree, the Frenchman, still toiled, and as he swung the heavy pearling-tongs into his boat for the last time that day, his voice rose clearly from out of the swiftly gathering night; he sang a treble song about "mine Fortune," a tune for which he was famous along the river. For Dupree believed in his luck; despite the fact that his year on the bars had netted him nothing in the way of financial return, he still sang of fortune and swore by his luck, believing that sooner or later he would "strike it." Dupree worked early and late and did not count the hours. Singing lustily and musically, he made his bateau fast to a stake,

### How to Distinguish Small-Mouth Bass From Large-Mouth Kind Is Explained

"The average fisherman will have no trouble at all distinguishing a small-mouth bass from a large-mouth bass, if he will remember just two simple differences between the two fish," says Dr. Carl Hubbs, curator of fishes for the University of Michigan Museum of Zoology.

"In many books on fishes, the reader is confused by being told to count the number of rows of scales," says Hubbs, who adds that "counting scales is a hard enough job for a man accustomed to doing that sort of thing, let alone an average fisherman." Here are Hubbs' rules for separating small-mouth bass from large-mouth:

Draw a line vertically through the back of the eye. If the fish's upper jaw extends back of this line, it is a large-mouth bass. If the upper jaw goes back only to a point under the eye, it is a small-mouth. That's the first rule.

simply and trustingly looping a chain over it, and staggered away along the path that led to his cabin half a mile away, laden with his "cotton basket" of shells to be opened that night.

This was the moment Beasley was awaiting. The Frenchman's bateau lay on his side of the river and it was not locked.

Night came suddenly, moonless and starless, and five minutes later Cornpone Joe was paddling silently up-river, finding the "easy water" close in-shore. At a point half a mile above the village he ceased paddling and, using the current until he came abreast of the town. There he gently dropped anchor on a bar, the bateau swung around and lay berthed about two hundred feet off shore.

As Joe shifted about in the effort to find a comfortable posture for his lank body, having fully two hours yet to wait, his knee struck an' muskels, an' back-bendin', an' sweatin'! But danged if I've done it yet, an' danged if I will! An' that settles it!"

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### Twin Superstition

In Nigeria, twin babies are looked upon by the natives as having been fathered by the devil. One is always either a boy or a girl, and the other is a girl or a boy, and they are starved and eaten by the wild beasts. Often the mother is thrown out, too. Christian natives will tip off the missionaries, who rescue these unfortunate and nurse them back to health and life.

### Canals Are Old

Canals are nearly as old as human history. The Assyrians, Egyptians and Chinese built them. Leonardo da Vinci invented the canal lock in the Fifteenth century.

## Keeping Up With Science

By Science Service—WNU Service.

### Heart Ailments and Childbirth Studied by a New Method

"Scanography" Devised by a Dallas Physician

Dallas, Texas.—Better diagnosis of heart disorders is promised by "scanography," a new kind of X-ray photography, just presented to the medical profession by Robert H. Millwee, Dallas physician.

It enables scientists to study the ebbing and flowing of the blood in the heart. For the first time also it makes possible undistorted photographs of all bony structures within the human body.

Childbirth and motherhood should be made safer. For scanography permits the physician to determine accurately the dimensions of the mother's pelvic bones and the exact size of the head of the baby that is to be born.

The full name of this new tool of diagnostic medicine is "silt scanography X-ray photography."

Distortion Is Avoided. Basic feat of the new Millwee method is to take clear and undistorted X-ray photographs of the human body and its various parts.

Dr. Millwee's scanograph method achieves the same purpose in X-ray photography where distortion of size in the various parts of the picture may mean, and has meant on occasions, a wrong diagnosis.

### First Aid Kits May Be Harmful Unless Use Is Supervised

Chicago.—Warning that unsupervised use of first-aid kits in industrial plants may do more harm than good was issued by Dr. M. N. Newquist of Chicago at the meeting here of the American College of Surgeons. He also declared that industrial organizations should, as far as possible, use hospitals already established in their communities for treatment of injuries to employees, rather than set up their own hospitals within the industrial plant.

"The use of first-aid kits in extremely decentralized industrial operations may be necessary," he said, "but their unsupervised use in industrial establishments as a whole should not be permitted.

"Fewer, and more centralized, first-aid stations or dispensaries are desirable in order to insure adequate treatment and records. Industrialists will find that in the long run they can obtain more efficient hospital service at less cost from organizations whose sole purpose is to protect the employees that they could be establishing their own hospitals."

### New Evolution Theory Offered by Englishman

Washington.—Evolution by internal urges of various organs, as determined by the animal's use or disuse of them, is put forth in place of the Darwinian idea of natural selection and the Mendelian concept of genes or hereditary units, by Prof. W. P. Pycraft, well-known English zoologist, in the annual report of the Smithsonian institution.

Professor Pycraft's theory is that the body molds itself by diverting food, and hence growth, to those organs which are most stimulated in its ordinary activities. Consequently these organs are more developed than those which are less stimulated.

### Orange Peel Oil

Rio de Janeiro.—Orange peels discarded by orange juice factories are being used for the purpose of extracting oil. Although the industry is only in the experimental stage here, operations have produced sufficient orange oil for export.

### German Soil Tests

Berlin.—German agricultural scientists have just completed their millionth test of the properties of soil for what is claimed to be a world's record. All arable land in Germany is to be studied in the experimental plan which has been underway in Saxony since 1933.

### Duck Laden With Oil

Duck in the Far North is so laden with oil and toughened from exposure that it is barely edible.

## Turn Lever and Find Out How Long You Are Going to Live

Many Other Questions Answered by a Machine

By JANE STAFFORD

New York.—How long are you probably going to live? How does a cut finger heal? What happens when it gets infected? Where is that sacro-iliac joint that got out of whack and doubled you up with backache the other day? What is the scientifically approved way of brushing the teeth?

The answers to these and hundreds of other questions everyone has about the human body and its needs appear in a new exhibit at the New York Museum of Science and Industry.

The exhibit, planned so that visitors can push buttons and pull levers for its first showing in America.

Most interesting, probably, is the exhibit which enables visitors to predict their own length of life. You turn a lever until your present age and your sex show on two dials. Then you turn the lever again and a third dial tells the age to which you will probably live, based on life expectation figures.

### Learn About Your Blood.

Another unusual exhibit lets the visitor do a little blood mixing of his own and understand that complicated matter of the blood groups, so essential in blood transfusions. You can see for yourself how the blood serum and blood cells mix if the blood samples are from compatible groups, and how the cells clot dangerously together if serum from blood of an incompatible group is added.

A fearsome model that looks like a Halloween nightmare is the man of muscle and bone—a skeleton with red strips representing the muscles of the body. Even more peculiar, looking, in fact, like an electrical man, is the figure that is half human skeleton and half yellow wires. This model shows all the nerves on half the body.

Beginning with a model, enlarged 200 times, of the toy dog from which human life starts, the exhibit shows the development of the body and all its organs and how they tick.

### Myths About Eagle Are Severely Shaken by Investigation

Washington.—Impartial scientific investigations of real live bald eagles deflate those birds quite a bit. Not that our eagle is debunked, exactly, but we learn that a lot of things we knew about the eagle consisted of "facts that were not facts."

Results of long study of eagles, and compilation of the studies of other scientists, are presented in a new Smithsonian institution book, written by Arthur Cleveland Bent of Taunton, Mass.

### His Preying Methods.

True, the bald eagle is a bird of prey. But he is also not from which the hard work involved in preying, and lives mostly on fish cast ashore dying or dead, or taken away from a smaller fish-catching hawk, the osprey. He can do his own fishing, but not so cleverly as the osprey, so he prefers to rob him.

When fish are scantily available, as in winter, the eagle does turn to true bird-of-prey tactics. He takes any bird or mammal that he can handle, and that runs up as big as Canada goose. Despite his size, he is an athlete in the air, often turning upside down and diving under his victim to strike from beneath.

He does not build his home on a cliff nearly as often as on top of a tall tree, even in the Rockies. And there are far more bald eagles in Florida, least cliffy of states, than anywhere else in the country.

### Porch Vine Is Being Used in Fight Against Erosion

Washington.—Kudzu, more familiarly known through the South as "porch vine" has been put to work "roping down" the soil against erosion. Agriculture department soil conservation experts report that "porch vine" forms an ideal soil binder, for it rapidly produces a dense growth whose runners bind the topsoil in place, thus stopping the inroads of the weather on the countryside. Runners 60 to 70 feet long, with new roots every few feet at the nodes, characterize the vine, which is also a legume, thus serving to fertilize the soil at the same time.

### Sponge Bullet Invented

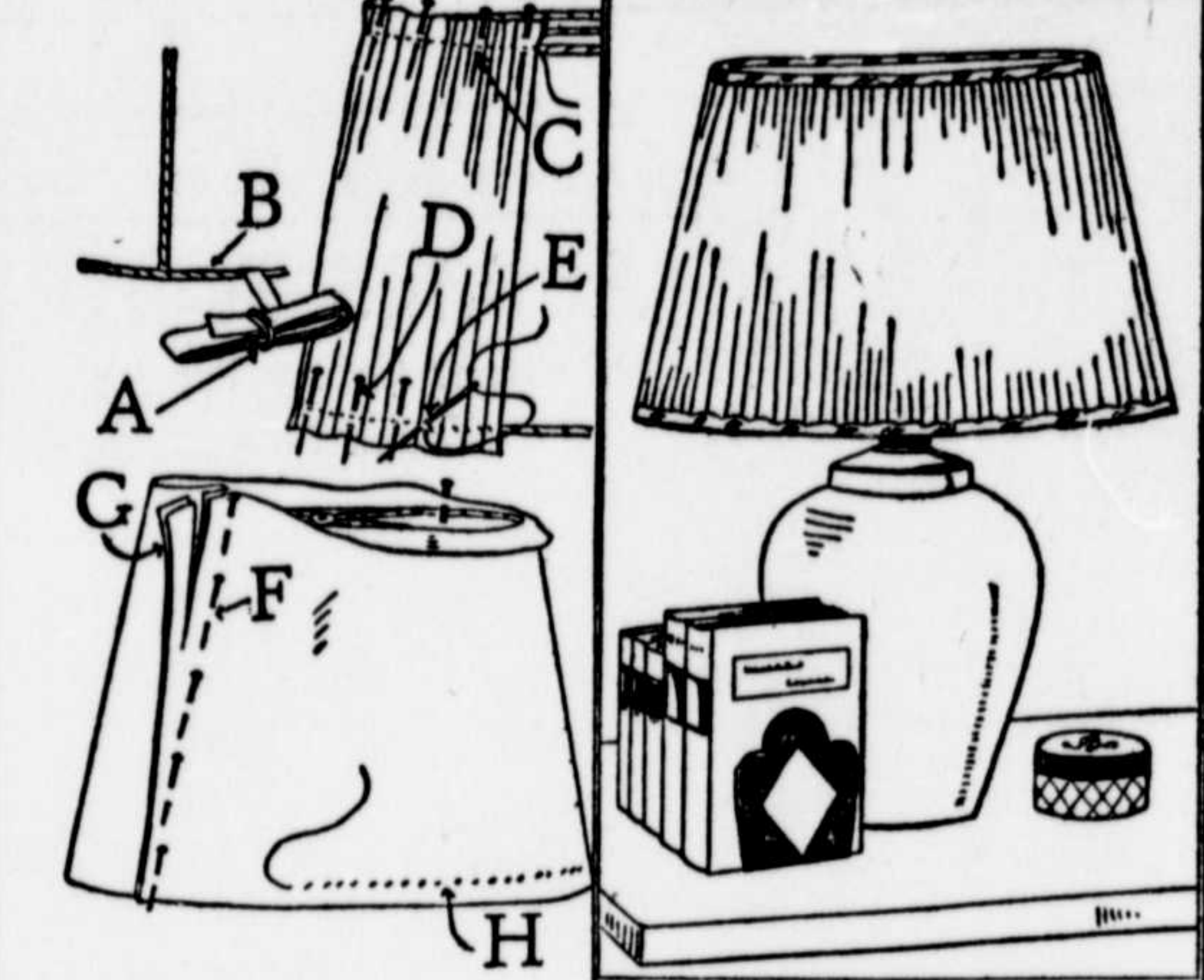
Washington.—A "sponge" bullet—only covered with tiny holes saturated with minute quantities of oil which greases the gun barrel as the bullet goes through it has been patented by Philip A. Smith, of Hamden, Conn.

### When the Pope Dies

When the Pope dies, the Papal secretary of state serves as head of the Catholic church until a new Pope is elected.

# HOW TO SEW

by Ruth Wyeth Spears



### Silk Shades Give a Soft Glow

THERE is subtlety in the light that glows through a silk shade, and many decorators are using them for the room that needs the softness of plaited folds and the mellowness obtained by placing two tones of fabric one over the other.

Two tones of China silk, one to be used for a plain lining and the other for a gathered outside covering will make an attractive shade. Before you buy the material it is best to experiment with samples one over the other trying them both in daylight and over an artificial light. You will also need a roll of silk binding tape matching the top color of the shade. This tape is to wrap the wire frame. And fancy braid either in gold, silver or a harmonizing tone of silk is used to bind the top and bottom of the shade.

Slip the binding tape off the roll and wrap a rubber band around it as shown here at A. Working from the inside end of the tape wrap the frame as shown at B. The outside layer of silk is put on next. This is gathered both top and bottom and pinned to the wire covering as at C and D so that it is stretched quite tight. Joinings in the outside covering need not be sewed but may be hidden under the folds. This material is sewed in place as at E.

Next, cut a straight strip for the lining and fit it around the outside of the frame as shown here at F. Trim the joining allowing a seam as shown at G. Sew to the frame at the bottom as at H. Trim quite close at the bottom. Turn lining to inside as at I.

### "Quotations"

We can do anything we want to do if we stick to it long enough.—Helen Keller. Then let us laugh. It is the cheapest luxury man enjoys.—William Matthews. Culture is the first fruit of education.—Cardinal Hayes. This era should be the era of paradise on earth. Mankind has never had the possibilities of happiness that it has now.—Harry Elmer Barnes. Beauty is the outward and visible sign of an inward and spiritual grace.—Katharine Cornell. The expression of beauty is the primary purpose of art.—George Grey Barnard.

### Cheap Sales Cost

United States census figures for 1929 show that at a cost of but 1.54 per cent advertising created a market for the \$70,434,863.443 worth of manufactured products of that year.

### Wise

The wise and pleasant way to relieve a cough due to a cold is a Smith Brothers Cough Drop. (Two kinds: Black or Menthol—5¢.) Smith Bros. Cough Drops are the only drops containing VITAMIN A. This is the vitamin that raises the resistance of the mucous membranes of the nose and throat to cold and cough infections.

### LIFE'S LIKE THAT

By Fred Neher



"Would you say dear Mrs. Dolan or just dear madam?"