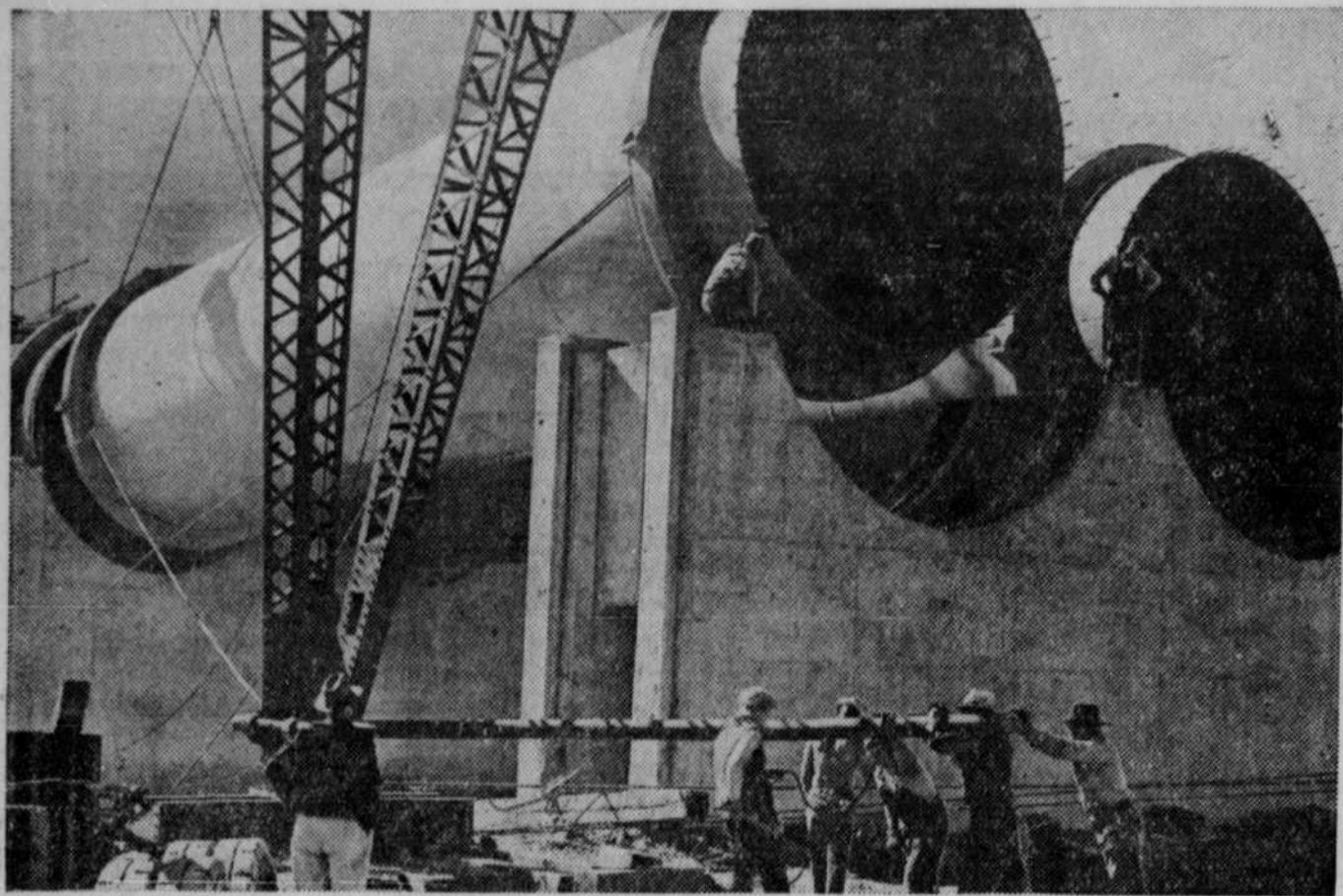


Huge Siphon to Help Irrigate California Valleys



Easy does it as cranes lower into place a 42-ton section of the siphon which carries All American canal water across New river, 1 1/2 miles west of Calexico, Calif. The bureau of reclamation, which is constructing the canal for the irrigation of the fertile Imperial and Coachella valleys of southern California, is building this siphon—one of the principal engineering feats of the 80-mile route.

Stare 'Em Down, Says Veteran Umpire



This extremely important never-darken-my-door-again pose is something that every umpire must master, so that he can toss players out of the game. Brons Howard (right) is learning how from Umpire Bill McGowan, ace of the American league staff, who conducts a regular school for would-be umpires.

MEDICINE MAN



Quinter Bashore, Covina, Calif., inventor, installed 128 therapeutic lamps to protect his lemon grove during recent frosty nights. The lamps, used by physicians, prevented his fruit from freezing.



WHO'S NEWS THIS WEEK

By LEMUEL F. PARTON

NEW YORK.—Dr. Robert H. Goddard, experimenting with rockets for the last 24 years, and steadily making progress, has had as his goal the penetration of the higher atmosphere, the possible catapulting of messages across the ocean, and sundry scientific inquiries to which he has thought his unique gunnery might supply the answer. Although much Jules Vernish stuff has been written about his "rockets to the moon" and about shooting people across the Atlantic in a few minutes, he has been an aloof and patient scientist, intent on seeing only what he sees and not making any handsome promises.

So far as this courier knows, the suggestion by Maj. James R. Randolph that rockets may replace heavy artillery, for long-range bombardment of cities, is the first official recognition of their possible use in warfare. He specifically cites the work of Doctor Goddard, at a time when Doctor Goddard is piling up new patents and getting some of his biggest sizzlers under control. It is also the time when the tiny, motored plane, evolving from the toy, and controlled by radio, is absorbing the interest of the army experimenters as a possible bomb-dropper.

At Roswell, N. M., financed by the Daniel Guggenheim foundation, Doctor Goddard has a unique desert laboratory with plenty of elbow room and sky room. He now has a gyro steering mechanism on his rockets, by which they may be accurately aimed. He has gained 30 per cent in range over his best shots of two years ago, and is now forcing his rockets to a speed of 700 miles per hour.

His most valuable contribution to rocketeering, noted by Major Randolph, is his continuous flow of power, instead of the single initial explosion. Gasoline and oxygen, mixing and exploding as they issue from a tail nozzle, give steady propulsion.

Doctor Goddard, an amiable, unassuming, baldish man, began his rocket experiments at Clark university in 1914. He is a physicist, absorbed in pure science, admitting that we might hit the moon with a rocket if we wanted to spend that much power, but so far he keeps down to earth on immediate and specific problems—and makes progress.

IT DOES begin to look as though scientists will be the loudest of all when "Beulah Land" rings out at the next singfest. Once upon a time, religionists looked warily whenever a man of science opened his mouth, because so many of them were arguing against a hereafter. But Sir Richard Gregory, with his "It is just as permissible to assume that another world awaits habitation of an exalted type of humanity as it is to believe in the eternal existence of individuality," is only the latest of many to hit the sawdust trail.

Emeritus professor of astronomy, Queens college, London, is one of his present distinctions, and he is also a former editor of the magazine, Nature. The stars have been his chief guide for most of the years since he was born in 1864. How much their lessons helped him to his knighthood, 1919, and his baronetcy, 1931, is a question. But certainly, along with his acknowledged interest in heaven, they must take responsibility for his chief books, "The Vault of Heaven" and "Discovery, or the Spirit of Service of Science."

PROF. WALTER B. CANNON of Harvard avoided a mistake made by Howard Scott. When Mr. Scott appeared as the John the Baptist of technocracy, he started taking our measure for its immediate application.

When Professor Cannon put out "biocracy" several years ago, as a cure for the ills of the "body politic," he made it clear that we could take it or leave it. Hence, while biocracy is still in the suspense file, Professor Cannon finds honor and advancement as the newly-elected president of the American Association for the Advancement of Science, which body is driving for some grand scale rationalization of science and society. That's the main idea of biocracy—a society which is not at war with the life force.

He is one of the most distinguished physiologists in America, given to novel research. He is the discoverer of a method by which we may hear our brains ticking.

Consolidated News Features, WNU Service.

New Soft Styling Technique Calls for Definite Fullness

By CHERIE NICHOLAS



OF KEEN interest to seekers of the coveted "something different" that adds zest to each season's modes are the exciting new silhouettes given to fashions through a soft styling technique that makes fullness its theme.

The versatile ways in which the new fullness is manipulated impresses one. In some instances skirts are frankly full all around, inspired no doubt by the dirndl vogue that has been having a successful run for some time. The all-around pleated skirts will hold good among foremost fashions not only for mid-season and spring, but their style prestige will endure the whole summer through. Unpressed pleats is also a favorite method with designers for acquiring desired fullness. Then, too, there is the circular-cut skirt that measures yards around the hem. It is getting lots of notice especially in the very new petticoat versions which are made to reveal a swish of taffeta or a splash of white that repeats the pique neckwear which finishes off the blouse. These petticoat dresses are providing a big sensation on the new style program.

For women who cannot stand for more than a certain amount of fullness, the new skirts that make particular appeal show a controlled treatment in that they are smooth at the back and hips with fullness brought to the front in gathered or pleated panels. In both day and evening clothes this idea is carried out.

This matter of soft styling and intriguing fullness is by no means confined to the skirt but rather is consistently worked throughout the costume so as to preserve continuity in a unifying way. The smart coat and dress shown in the illustration

tell the story better than words.

The stunning coat is typical of the new trend to fullness. It is made of a rust-color wool in handsome texture. The definitely full skirt is balanced with a soft blouse top which has roomy sleeves gathered full into the wrist. A small muff and a hat of red fox complete the ensemble.

Very significant is this coat as to new color trends for spring. In the early collections special emphasis is placed on the importance of rust shades and mustard yellows and kindred hues with jewelry accompaniments of amber topaz and like stones. For immediate wear style-alert women are selecting chic little dresses tailored of sheer wools with a sophisticated simplicity that abounds in dramatic details.

Rows and rows of shirring achieve fullness for the dress pictured. This very high-style model by International is the type sure to call forth compliments wherever you go. Shirring at the waistline achieves a flattering dirndl. The bodice above the slim mid-riff corselet adds a related soft touch. Horizontal shirring on the sleeves gives them that casual "pushed-up" look that indicates "last word" chic. Expert designing makes it a perfect dress for a busy social calendar that carries from luncheons to informal dinners and the theater. The three jeweled pins at the waistline are individual. A soft kid bag, kid gloves and a simple felt hat with face veil complete the costume. With her upsweep hair-do she wears small, clip earrings foregoing any ornaments at the V-neckline.

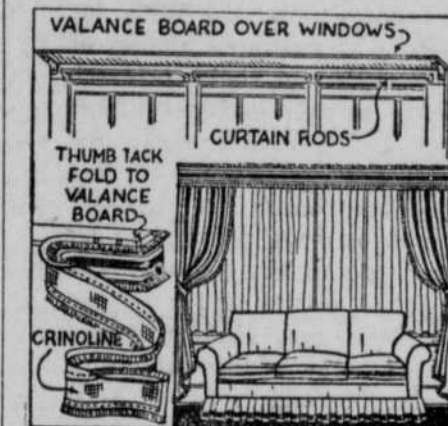
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How to Curtain a Group of Windows

By RUTH WYETH SPEARS

DEAR MRS. SPEARS: I want to tell you how much practical help I have received from both of your books. I have been sewing for years but these books have explained many points that I never understood before. I am now planning new draperies to dress my living room up a bit. One group of three windows is especially difficult as the davenport has to be placed in front of them. Can you give me a suggestion? I think I would like a plain valance without gathers or pleats across the top. How should this be made and hung? I have just made a beige slipcover for the davenport with green piping and bands.—A. D. W.

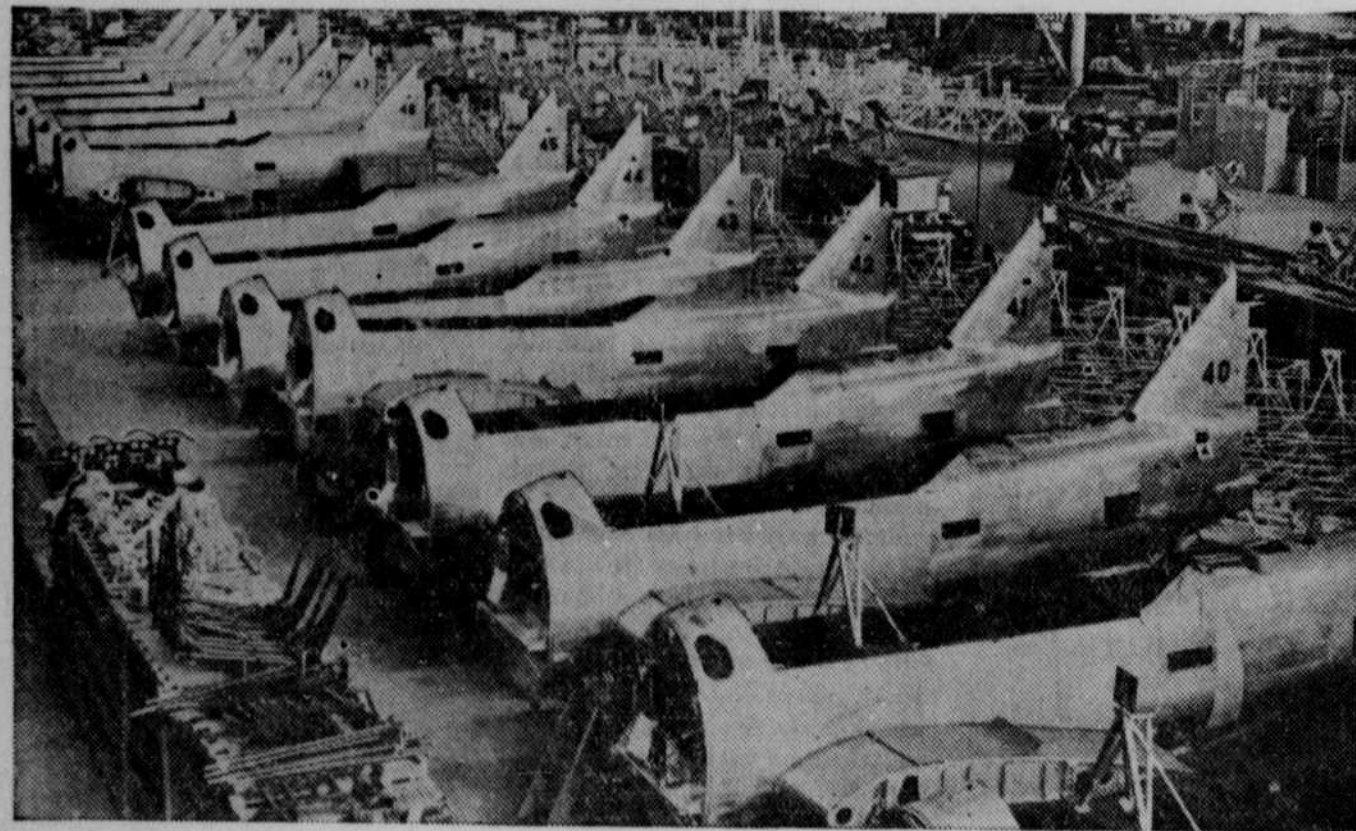
I would use plain cream colored glass curtains for all three windows and overdrapes at the ends only. A striped material in tones of tan and green and blue would



be nice for the draperies with a narrow fringe edging in green and tan or green and blue. A valance board at the top of the windows is essential when a plain valance is used. This board should be four inches wide and 1/2 inch thick. It is screwed in place with L brackets. Ordinary metal curtain rods are placed just under it for the glass curtains and side drapes. The plain valance should be long enough to fit around the ends of the board and should be about six inches deep finished. It should be stiffened with an interlining of crinoline, and an allowance should be made at the top for a tuck or fold to be tacked to the board as shown.

NOTE: Mrs. Spears' Book 2—Gifts, Novelties and Embroidery has helped thousands of women to use odds and ends of materials and their spare time to make things to sell and to use. Book 1—SEWING, for the Home Decorator, is full of inspiration for every homemaker. These books make delightful gifts. Mrs. Spears will autograph them on request. Books are 25 cents each. Crazy-patch quilt leaflet is included free with every order for both books. Address Mrs. Spears, 210 S. Desplaines St., Chicago, III.

Aviation Industry Spurred by College Training



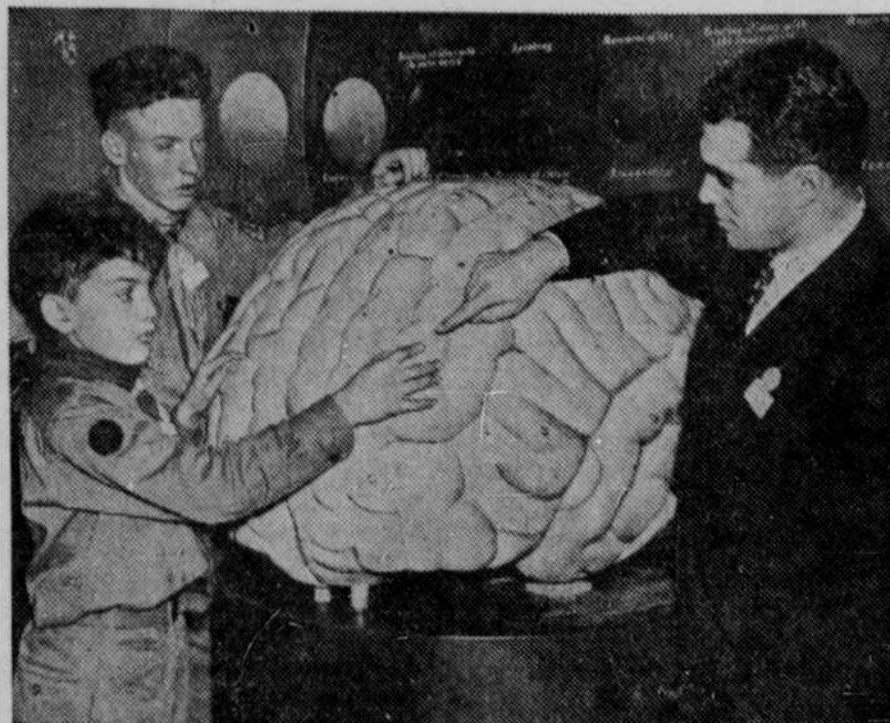
The announcement by President Roosevelt recently of the completion of plans for the training of 20,000 college students annually as civilian pilots, with a consequent increase in the nation's air force, has proved exciting to aircraft manufacturers. Above is a view inside the North American Aviation, Inc., plant near Inglewood, Calif. The basic combat and 0-47 observation assembly lines are seen, with 0-47 wings visible in the foreground.

SKATING QUEEN



Kit Klein, champion figure skater, tries a loosening-up exercise on this p.m. in Miami, Fla., where she is appearing in an ice show. This miss is one of the nation's best known skaters, though her costume would not indicate ice skating weather.

Scientist Explains Functions of Brain



The size of this brain is not supposed to indicate how some people feel the morning after. It's merely an oversized brain model being explained to two Boy Scouts by Joseph Bracco of the New York Museum of Scientific Industry.

Smart Plaid Coat



Plaids had such a good start this winter their style momentum is carrying right through into the mid-season and early spring style picture. A coat like the one shown here will prove a real joy during the coming months. The plaid itself is in green and brown. The wide bindings of plain green enhance the picture of a charming gay coat for winter. Large mother-of-pearl buttons add a final note of chic.

Pleated Vogue to Repeat Triumphs

Pleat it! And again fashion says pleat it, which is exactly what designers are doing for spring. Only this time the pleatings are more so than ever. That is the pleated mood permeates the whole scheme of things from neckline to hemline.

In the newer fashions it is not only the skirt that is pleated, but the whole thing, including blouse top sleeves and just as like as not a pleated bolero is added.

The use of pleats is taking on a decidedly designful flair. The versatile way pleats are being handled is clever beyond words. You see most unique touches especially in blouse styling such as pleats brought down from each shoulder to tie in a soft knot at the girdle top. Surplice pleats that cross from shoulder to shoulder finishing in a bow at the waist-line with pleated streamers. Much of the charm of the newer print frocks lies in the fact of their lavish and unique pleatings.

Flounces Return With a Flourish

Of all things, guess what's coming! It's flounces on your new frocks. Yes! In flounces old-fashioned, now new-fashioned flounces. The idea of flounces has been taken up by designers with a will and if you would be "first" in fashion you take your cue right now and select for your newest gown one of the smartly flounced versions. The flounce trend is as apparent in day dresses as in evening floor-length party frocks.

Choice for Evening

The stiff silks being used for evening gowns are tulle, faille and taffeta, while moire and grosgrain are the choice for stunning afternoon dresses.

OF COURSE!

"Many doctors advise building up alkaline reserve when you have a cold. Luden's help to do this."



DORA STEINBERG, Teacher, Baltimore

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MENTHOL COUGH DROPS 5¢

Just Rebellion

Men seldom, or rather never for a length of time and deliberately, rebel against anything that does not deserve rebelling against.—Carlyle.

FEEL GOOD

Here is Amazing Relief for Conditions Due to Sluggish Bowels. If you think all laxatives are alike, just try this all vegetable laxative. So mild, thorough, refreshing, invigorating. Dependable relief from sick headaches, bilious spells, tired feeling when associated with constipation. Without Risk get a 25¢ box of N.R. from your drugist. Make the test—then if not delighted, return the box to us. We will refund the purchase price. That's fair. Get N.R. Tablets today.

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