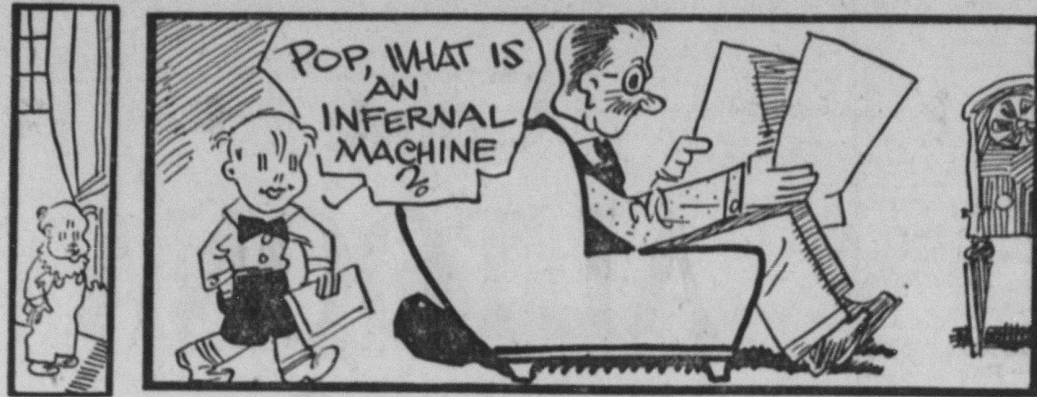


SUCH IS LIFE—Have You a Lil' Infernal Machine?

By Charles Sughroe



California to Get Largest Telescope

Palomar Mountain to Be Site of Giant Mirror.

Washington.—Search for a desirable location for an observatory in which to house the world's largest telescope, which will contain a 200-inch mirror, ended recently in the choice by scientists of Palomar mountain, about 50 miles northeast of San Diego, Calif.

"For several years astronomers have been studying the map of the United States for a new observatory site," says the National Geographic society. "They chose Palomar because, according to specialists, it is far enough from the desert on the east and the Pacific ocean on the west to give promise of atmospheric conditions favorable for astronomical studies.

Rises 6,126 Feet.

"Palomar is not one of the giants among mountains of western America. In fact it is not as high as many of the peaks of the eastern United States, for it rises only 6,126 feet above sea level. Nor is it even the highest mountain in Southern California.

"It thrusts its rugged summit above the valleys of Cleveland National forest, a tract 27 miles long and from 5 to 12 miles wide, comprising portions of Orange, Riverside and San Diego counties. Created in 1910 by a reorganization of several earlier forest reserves, Cleveland forest, named for

Ex-President Cleveland, includes five mountains in addition to Palomar. The forest was created primarily for watershed protection. It supplies eight reservoirs with a capacity of 125,000,000 gallons.

"Before the gold-hungry hordes of 'Forty-Niners' moved their caravans across the western plains and through the passes of the Rockies, Palomar was a favored hunting ground among the Indians of the region. In 1831, Palomar was visited by a white man named Warner. He settled near its slopes, became a naturalized Mexican citizen—California then was Mexican—and a grant of land, including Palomar and its environs was made to him by the Mexican government. From Warner, the Warner Hot Springs near Palomar got their name.

Favorite Camping Site.

"The summit of Palomar is blanketed with a thick growth of timber—cedars, spruces, pines and black oak, in whose shade each year thousands of wanderers like and ride horseback over narrow, tortuous trails. Many pitch their camps in the brisk air of the summit. Through openings in the thick forest, mountain climbers are rewarded for their fatiguing trek by spectacular views of the country for miles around. Many miles of San Diego county, a veritable flower and vegetable garden, are at their feet. In some places one's viewpoint is atop a ridge whose sides tumble in steep grass-covered slopes for thousands of feet to the valley below.

"The 200-inch telescope mirror to be placed on Palomar will be twice the diameter of the mirror at the Mount Wilson (California) observatory—at present the largest in the world—which has made possible many notable contributions to astronomy. The first attempt to cast the great glass disc for the mirror occurred in the spring of 1934 at Corning, N. Y. The pouring constituted one of the outstanding scientific feats of the year and was witnessed by thousands of scientists and laymen.

"But the huge glass lens was found to have a slight imperfection, so plans have been made to pour a new one. When completed, the mirror will weigh about 18 tons, will reveal billions more stars than can be reflected by the Mount Wilson mirror, and will pierce space to 30 times the distance now possible."

On a Shaky Throne



Here is little King Peter II who has succeeded to the throne of Yugoslavia following the assassination of his father, King Alexander. The boy is only eleven years old and will rule under a regency of three men.

Missouri Orchard Granted a Patent

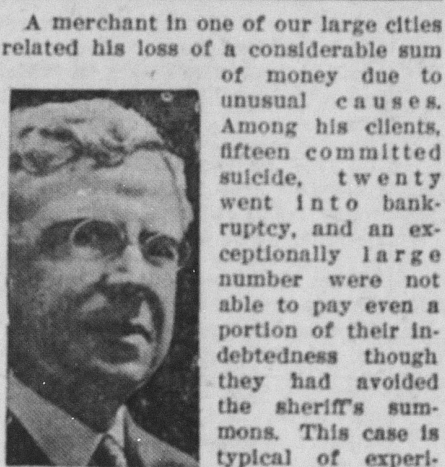
Louisiana, Mo.—The Starks Orchards here recently obtained the first patent ever granted for a fruit tree.

The tree is a peach and it is patented under the title "Hal-Berta Giant." The name is a combination of two types of the fruit.

The patent was granted under a law passed by the seventy-first congress, which provides protection to originators of new fruits.

Pain and Purpose

By LEONARD A. BARRETT



A merchant in one of our large cities related his loss of a considerable sum of money due to unusual causes. Among his clients, fifteen committed suicide, twenty went into bankruptcy, and an exceptionally large number were not able to pay even a portion of their indebtedness though they had avoided the sheriff's summons. This case is typical of experiences which crossed

the path of almost every person during the past three years. In every case, however, the sorrow or trouble was not due to the loss of money. Suffering of one kind or another comes to every one.

It has been interesting to study the reactions of different persons who went through these experiences. Some, rather old-fashioned in their thinking, actually believed that the calamity which came to them was sent as a punishment for a wrong they had com-

Under the Ball



Walt Rohrschick, big end on the University of Washington team, is as fast as he is husky and not many punts get away from him.

mitted. Others, who had accustomed themselves to live in a world of "make-believe," reacted in a negative way, denying the reality of the experience itself. This attitude gave rise to what our psychologists call a "wish-world," the serious dangers of which are frequently emphasized in current periodicals. Still others accepted the storm which struck them with an attitude of self pity and inactive acquiescence; and stoically met the problem, but to no apparent purpose, the president of one of our western universities writes, "The most disturbing fact of the time is the number of Americans who are falling victim to a defeatist mood, assuming that all progress has come to an end." Another group of people, not accepting this conclusion as the verdict of history, began to look beyond the present moment, and far above the clouds which accompanied the storm. They frankly sought the purpose of the whirlwind. They refused to accept what appeared to be the verdict of fate; and determined to arise and go forward. Refusing to be like "dumb driven cattle" they became "heroes in the strife."

A violin string serves no purpose until it is stretched, almost to a breaking point. It sings when the bow passes over it. On the rack of pain and suffering many a person has been stretched almost to a breaking point. Where this experience served a higher purpose, blessings hitherto unknown have been the reward.

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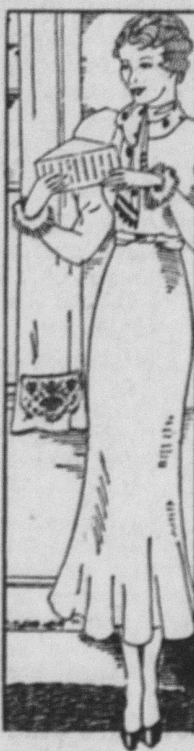
Russian Cocoa

Follow recipe for hot cocoa, substituting for the three and one-half cups of milk, one tall can evaporated milk and two cups of strong hot coffee.

The Household

By Lydia Le Baron Walker

ORDINARY envelopes can be so used that they are helps in house-keeping as well as fulfilling their function in correspondence. The envelopes can be small, medium sized, and large according to their uses. Readers who enjoy detective stories will recall how those who are seeking to discover the criminal, are inveterate users of envelopes of which they seem always to have a limitless stock in their pockets. Into different ones are thrust bits of gravel, threads, etc., which may reveal some bits of evidence, and form valuable clues. This only goes to show some uses of envelopes. Others can be as valuable to homemakers as, for instance, in tabulating papers requiring classification, making them more readily accessible, and less time-consuming to find.



The envelope filing system is one not to be disregarded in the home where it can be as useful as in an office. There are filing envelopes available. The faces have ruled lines on which to write the gist of each paper, enough to catalogue the contents. While these are convenient, anyone can make satisfactory filing envelopes by using manila envelopes approximately 8 1/2 by 4 1/2 inches in size. The face can be ruled in ink down its entire surface, the lines being spaced about one inch apart. The flap should open toward the right when the back is toward the user as this permits the contents being withdrawn in the handiest way. These envelopes can be for miscellaneous contents, alphabetically arranged. Or different packages can be for different subjects such as recipes, in one alphabetical set; clippings in another. Locations of household things can be kept in another set. This is a convenient set, since by consulting the contents under linens, accessories, etc., which may be packed away, all searching for wanted articles is eliminated.

Handy for Clippings.

Many persons prefer keeping such a filing system for clippings instead of pasting them in scrapbooks, for in the envelopes each clipping can be taken out for use when needed, and unwanted clippings can be discarded at will. In a scrapbook the clippings are permanently placed.

In starting a stamp collection, envelopes can be used for cataloging them. Small envelopes are recommended for this. I use envelopes in size approximately two by three inches with the name of the kind and denomination clearly penned on the face of each, together with a number stating how many stamps are in an envelope.

Value of Patience.

Large envelopes are handy to use when packing luggage. Small articles can be slipped in them, and each kind be kept separate, neat, fresh and easily accessible.

Patience is not only a virtue. It is

also part of the price paid for success. No one gets success in a day or a year. The culmination comes some day, and some year, but not the day nor the year in which the person starts on the road to it. If a person loses patience anywhere along the road and ceases to work toward the end desired, he or she pays the price by forfeiting this culmination, this peak called success. It is only when the person has patience to carry him over the long period of interim between the start and the finish, or rather the culmination, that he wins out.

The fiber of patience is not destroyed by trepidation unless this gets the upper hand and makes one vacillate and lose tenacious perseverance. Patience and tranquility are not exact synonyms, although they are often confused in people's minds. Patience is the exercise of sustained perseverance and forbearance and it can also be a calm waiting or expectation. It is no small thing to endure when things seem to go wrong. To persist against obstacles and, although discouraged, to have the patience to play a waiting game, this is the very essence and fiber of the virtue.

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Alluring Furs



The new little fur fixings in the way of sets and ensembles and separate pieces are that fascinating you will have no peace of mind until you acquire some one or other of these flattering fantasies. As to that adorable jacket, hat and muff set of white ermine, wouldn't you just love to possess it? The muff is "tricky" for within its depths reposes a satin-lined receptacle with all the dainty appointments one expects in a perfectly fitted out hand-bag.

Thermometer Is Old

The Fahrenheit thermometer dates back to 1714.

Cleveland Birthplace a Memorial



This little white frame house, formerly the manse of the First Presbyterian Church of Caldwell, N. J., where Grover Cleveland first saw the light of day, March 15, 1837, was presented to the state of New Jersey as a permanent memorial to the only President of the United States born in that state. The home, purchased in 1913 by the Grover Cleveland Birthplace Memorial association for the purpose of preserving it, was given to the state without encumbrance and with all its valuable collections.

Charming Design, and "Tubs" Well

PATTERN 9937

Here is a design that was born to make laundresses happy. One can see them with the mind's eye smiling "friendly-like" at it every time it is tubbed. The little sash will be untied, and first they will iron the ruffles. After that it will be plain sailing—or should we say ironing? In our concentration upon laundresses, we have forgotten to mention the proud possessors of the frock who will one and all adore it because, in the first place, it was



so easy to make—and ever afterward so smart and becoming to wear.

Pattern 9937 may be ordered only in sizes 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42 and 44. Size 16 requires 3 1/2 yards 36 inch fabric.

Complete diagrammed sew chart included.

Send FIFTEEN CENTS in coins or stamps (coins preferred) for this pattern. Be sure to write plainly your NAME, ADDRESS, THE STYLE NUMBER and SIZE.

Send your order to Sewing Circle Pattern Department, 232 West Eighteenth Street, New York, N. Y.

Smiles

A REGULAR TRADE

Prison Governor (to released convict)—I'm sorry. I find we have kept you here a week too long.
Convict—That's all right, str. Knock it off next time.—Louisville Times.

Up-to-Date

"That Miss Blonde is much older than I thought," remarked a young man to his friend in the boarding house.

"What makes you think that?" asked his friend.

"Well," he replied, "I asked her if she had read Homer's 'Iliad,' and she said she read it when it first came out."—Stray Stories.

Speech

"What do you expect to say when congress meets?"

"I'm sure only of one thing," answered Senator Sorghum. "I am being trained to great discretion. But I am sure there will be no objection to my saying 'present' when the roll is called."

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ODD THINGS AND NEW—By Lane Bode



COSMIC PENETRATION

ALTHOUGH A THIN SHEET OF LEAD FOIL PROTECTS THE BODY FROM X-RAYS, THE COSMIC RAYS OF SPACE PASS THROUGH AS MUCH AS 18 FEET OF LEAD.

HEAVY OSMIUM.—OSMIUM, HEAVIEST METAL KNOWN, WEIGHS 22 1/2 TIMES AS MUCH AS WATER.

SHOCKING TOLL.—TOLL COLLECTORS ON THE NEW SYDNEY HARBOR BRIDGE ARE FORCED TO USE RUBBER GLOVES TO AVOID SHOCK FROM STATIC ELECTRICITY GENERATED BY AUTOMOBILES.



WNU Service.

