Hawaii's Tapestry Forests Rich In Color

THE Hawaiian islands were thrown up ages ago from chor-mous volcanic chimness that opened in the Pacific floor. Even to this day the eruption has not ceased Two mountains of the archipelage, with the passage of a great length of time, have been weirdly worn by torrential rains, so as to present to the view fantastically carved canyons and gorges, flanked in many places by almost vertical cliffs, Upon the faces of these cliffs

Rourishes a dense growth of "tapcon posed of many species of trees strangely dwarfted in order to enable them to cling, supple cuted by a shrubbery undergrowth and woven into a continuous mantle. The soil on the cliff faces is necessarily thin, and, to save themselves from being blown off, the trees develop an intricate system of anchoring and bracing roots, forming in many a steep place natural ladders up which the natives climb.

"The tapestry growth is saturated with water like a sponge, the rain-fall in the parts of the islands where it flourishes being extraordinary. To the eye, with its variations of graygreen, yellow-green, olive-green, silver-green and scores of indefinable shades, it has a rich, mottled, velvety effect, as if of a wonderous woven drappery. Now and then landslides occur, making great rents in the drapery, which are slow to heal. The repair work begins with grasses; other humble plants follow and eventually, when enough soil is available, trees sprout and establish theniselves.

Brewing of "Potheen"

E British government to suppress illicit distilling in Ireland have always met with determined resistwhat we call "moonshine" whisk

is "mountain dew" in the Emerald Isle, or, as it is otherwise called, "potheen"—the latter word meaning a little pot. A century ago it was estimated that there were in Ircland at least 150,000 illicit stills regularly at work. Mostly they were hidden in mountain glens and other secluded places, and the government was powerless to suppress the industry. The heighborhood of Innishowen was famous for its "potheen," which was of so superior a quality that the Brit-ish authorities sought, though vainly, to induce the licensed distilleries to make whisky equal to it. The Innishowen liquor had a peculiar smoky flavor (from the peat used for fuel) crystalline substance, and, with the service. Through a trough of glue which was much liked by connois- addition of simple chemicals, fur- solution are drawn broad strips of

could afford to produce a better article than the licensed distillers could positably manufacture, inasmuch as they had no overhead expense to meet, surnished their own labor and lating to articles which are made by gluing pieces of wood together.

Plywood is a great-economy, rendering practicable the utilization of ways ready for use, and it will keep used the grain they grew themselves. small stuff which used commonly to fresh for a long time.

An Electric Toothbrush

da with old de . me . co



tricity and really cleanses the enamel and thus preserves the teeth

Why bother to agitate a toothbrush when electricity will
do the scrubbing for you?
The electric toothbrush is a new
fidea, originated by Louis A. Gable,
of Harrisburg, Pa. A motor runs

tit; the brush attached to a cord, rerevolves. Buzz-z! It finds its way
into every cranny, with a rather
agreeable sensation to the gums, and
in a minute your molars, incisors,
bicuspids, etc., are clean as the
proverbial whistle.

Glue Made From Dried Blood

NEW kind of glue, very valu- | be thrown away, and thereby saving able to cabinetmakers and for large-size material. various other purposes, is made

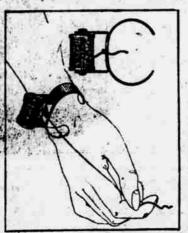
ef dried blood albumin. It is a dark has been developed by the forest nishes the most waterproof glue tissue paper, which, being thus satur-A curious point here concerned known. It is used for airplane parts tissue paper is placed between two could afford to produce a better ar-

Uncle Sam Now Breeding Bats By Thousands to Kill Off Malaria Mosquitoes

It was with this object in view crected.

Way to Keep Your Spool Handy

can draw upon it as she needs it. A contrivance newly patented by John W. Obver of New York City, seems to meet the requirement admirably it is simple, the spool revolving on a little rod set between two upright plates which are erected upon a clasp that may be sprung over the wrist, holding the affair securely. The thread passes from the spool through



a tubular channel just big enough

FOR the woman who sews it being made of aluminum, weighs alwould be very convenient to have a spool of thread attached to her wrist in such a way that she a great convenience.

A Boat for Bathers

NEW contrivance for the amusement of bathers is the invention of a Brooklyn man, John Sebeto. It is a boat-shaped float, provided

with water-tight compartments at both ends to give it plenty of buoy-ancy. In the middle of it is a rectangular opening or well, inside of which the persons using it can walk while carrying the float to the water or back again, handgrips being pro-vided for the purpose. When the boat is affoat a seat is

folded down at the back of the well. The battler sits down, and with his hands operates a couple of levers which cause a water wheel in front of him to revolve.

By this means he is able to propel the float, while he steers it with his elbows, which control slide-rods connected with lines governing a rud-

For Motorists' Eves TOTORISTS will welcome a new

thread from unreeling too fast. Thus which consists of a small sheet of connect the rooms. snarling is avoided. The spool, up- blue-tinted glass clamped to the wind

New Help for Housewife THE most laborious of all domes-

tic tasks is scrubbing floors. Any woman will testify to that. THE breeding of bats to kill off malaria-carrying mosquitoes has of late been seriously advocated.

Not long ago the Carnegie institution said: "Bats devour large numbers of mosquitoes. Flying at dusk and after dark, and capturing all night-flying insects on the wing, they are important mosquito-destroying animals."

Any woman will testify to that. It breaks the back and wears out both temper and stocking knees. Hence it may be considered that Charles F. Oliver of Sherbrooke, Quebec, Canada, has proved himself a benefactor through the invention of a stoopless scrubbing brush which lie has newly patented in this country are important mosquito-destroying animals."

The mosquitoes that carry malaria worn statements to the effect that the stoop. On top of it is a rectangu-The mosquitoes that carry malaria are night-fliers. Hence the idea the prevalence of malaria has been much less since the roosts were lar box containing water and a cake of soap. Sharp metal points project-



Inventor Patents House of Cards

mand of the most luxury-loving doll houses. nursery tenants.

collapsible. Another is that its they may be folded flat for trans- | Thus protected, he has nothing to rooms open back and front (with no portation, yet the structure when fear from a pitched ball, while and very simple little device in-tended to overcome the dazzle front or rear walls), so that children erected is virtually all in one piece. to allow for an easy pull, while offering friction enough to prevent the ing cars. This is the "glare guard," ture freely about. Doors, of course,

shape as to be put up offhand. No ed before the furniture is installed. it on the right side of his head.

Hebart de Lancey Rapson, his ing occupants simply move in. A part by a strap and buckle. The patented a cardboard dolls' similar advantage, for nursery purposes, is claimed for the cardboard into firm contact with his forehead. doll houses.

The latter are made in sections back, his cheek and the part of his

One advantage it has is that it is stapled together in such wise that head just behind and below the ear.

Suns Bunched In Constellation Hercules

N THE constellation Hercules is an object that looks like a hazy star. Not until very recent years was it supposed to be anything else. As revealed to the new highpower telescopes, however, it is a congeries

of suns.

The distance of this cluster of suns is so great that a ray of light, traveling 186,000 miles a second, would require 360 centuries to reach us. In other words, as we may view it tonight, we behold it as it was 36,000 years ago-a date since which mankind has emerged from the cavedwelling period, acquired the use of tools and developed all of his suc-cessive civilizations.

The cluster is not even a part of our universe, properly speaking—that is to say, of what we call the Milky Way. It is a distinct and isolated system. At least 36,000 of the suns contained in it are individually brighter that our own sun, and the most brilliant of them exceed in light-giving power 1,000 suns like

The distance of the cluster from the earth is about 200,000,000,000,000,000, 000 miles. It seems to be egg-shaped and may rotate about its shorter axis. Observations have proved that it is moving directly toward us at a speed of something like 200 miles a

Mask for Batter

N THE noble game of base ball serious injuries are sometimes inflicted by pitched balls. Discharged from so small a distance with tremendous velocity and deceptively curved, they are not always easy for the batter to dodge. Once in a while a man is killed. There is even such a thing known in the game as a "bean ball," which is thrown with the deliberate intention of hitting the batter's head or coming near enough thereto to frighten him and "get his goat."

To provide against such dangers, Herman H. Pohlmann of St. Louis has invented what he calls a "side mask," which is meant to be worn by the batter, not in front of his face, but to protect the side of his head that is turned toward the pitcher. It is a framework of strong wire, which is secured around the upper part of his head by an clastic band and fastened about the lower PHILADELPHIA inventor, trouble with builders, and the intends part by a strap and buckle. The

sent roofing, outside masonry work put on or taken off at a moment's In these days ready-made dwell- and windows, wall and ceiling decor- notice, one will serve for all the held above the wrist in the way descreen. It can be instantly thrown ings for grown-ups are rather in ation for the interior, and even rugs, members of a ball team. A leftscribed, does not interfere with the in or out of the driver's line of vi- vogue. They are delivered in such The dolls' house looks half furnish- handed batter, of course, would wear

The Married Life of Helen and Warren

comments-try to be responsive, urged Helen as they entered the fice building in which Mrs. Irene Moore held her Tuesday night spir-itualistic meetings. "Let's go in a sympathetic mood."

pathy. Don't expect me to get lit ward, nodded a breathless, "Yes."

"She was young, wasn't she? No?

Well she looks at having been dragged there against

"Mrs. Stevens says she's wonderful-she told her some marvelous things."
"Huh, she'd fall for anything,"

grunted Warren. "She's always chasing some new fad. Last year it was palmistry—now it's spiritualism."

The elevator not running, they

Little Lottie shrewdly shifted her The elevator not running, they climbed two flights of dimly lit stairs, and turned down the hall to an open door through which shone a strip of

It was a long, narrow room filled form sat the medium-a stout, florid woman with heavy gray hair. On a table beside her were a bowl of flowers, a pitcher of water, a glass

and two silver plates.

Warren, refusing to go up in front, peremptorily waved Helen into the very last row, the chairs creaking loudly as they sat down. The collection came first-the passing of the silver plates. Then the

medium rose to make an announce-"For the benefit of those who have never been here before, I will state that my control is Little Lottie-a child of seven. When she questions you, please answer promptly as a child is apt to be impatient." Then

bowing to a young woman on the front seat, "Now, Miss Ellis," Crossing to the piano Miss Ellis favored them with an unintelligible song in a shrill, metallic soprano, while Mrs. Moore sat with closed eyes, motionless except for an occa-cional twiching of her muscles.

"There are the Stevens up frontthe third row," whispered Helen. the third row," whispered Helen.

As the last tortured note died away, and Miss Ellis returned to her seat, the medium gave a violent twitch and started up, still with closed eyes.

"Well, you will," brightly. "That's tary, has never been heard of by why you goin to California—I see lots of papers. You writes and ters tup—and then you writes sumpin you don't tear up—and it's goin' to bring poof, which was a real comfort. At night he slept the sleep of the just, and there carried out the present generation.

"Well, you will," brightly. "That's tary, has never been heard of by why you goin' to California—I see lots of papers. You writes and ters tup—and then you writes sumpin you don't tear up—and it's goin' to bring you lots of money."

"Dood evenin' evvybody," in a child's piping treble. "My! I sees a lot so famour in the hills, and there carried out the present generation.

Then there was always the work—not just making little opes of big ones the way they used to do, but shop work, with machines and in the chemical laboratory.

One picked up many ideas at the vould be labored to the point of the hills, and there carried out the hours held them absolutely breath-less with interest and excitement.

Then there was always the work—not just making little opes of big ones the way they used to do, but shop work, with machines and in the chemical laboratory.

One picked up many ideas at the vould be labored to the pround on the spin to the corried out the hours held them absolutely breath-less with interest and excitement.

Then there was always the work—not just making little opes of big ones the way to use of his last requests that, if was one of his less with interest and excitement.

Then there was always the work—not just making little opes of big ones the was one of his last requests that, if was one of his last requests that, if was one of his last requests that, if was one of his last requests tha

"She was young, wasn't she? No? Well, she looks young. And I gets a awful pain here," clasping her large jeweled hand to her throat. "Didn't she pass out with sumpin' the matter with her throat?" -"Not that I know of," was the

tremulous answer.
"Oh, yes, she did!" shrilly. "Oo-oo! ground. "You've some money trouble -you want to know what to do?" "Yes-yes!" The woman's voice betrayed a pathetic eagerness.

"She says not to worry. I see a figure 3-I dunno if it's 3 weeks or since that sunny autumn day 15 he will let him in. months-but it's comin' out all years ago when he packed his lit-

"That 'ittle girl on the aisle," resuming the childish idiom from which she had lapsed somewhat. "A old gent'man is standin' right back old gent'man is standin' right back."

In the old days master burglars always could use three or four bright back. Now what with acetylene

women, all on the aisle. "With the blue hat-yes, you! Oorheumatism. My leg hurts sumpin awful. Didn't he walk with a cane?"

not able to place the spirit. long trip somewhere. California, I though. think—yes, I see the palm trees and It's ho

An Amazing Message From the Spirit World Leaves Warren
Undisturbed.

"Now, dear, don't make cynical "Now, dear, don't make cynical comments—try to be responsive."

"An Amazing Message From the Spirit World Leaves Warren Undisturbed.

"Dear she means you!" whispered the spirit says to be very careful three times in long envelopes. Well, a promoter! And in trouble with the postal authorities! Why had he what you say in those circulars—so led her on to such preposterous statements?

"Well, you ought to," crossly way back—they's some ore here for him."

"Undisturbed.

"Now, dear, don't make cynical comments—try to be responsive."

"Now, dear, don't make cynical comments—try to be responsive."

"Then with a start she realized the comments—try to be responsive."

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Then with a start she realized the comments—try and authorities. You understand the comments—try to be responsive."

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Then with a start she realized the comments—try to be responsive."

Then well and the comments—try to be responsive."

Then with a start she realized the comments—try to be responsive."

Then with a start she realized the comments—try to be responsive."

Then with a start she realized the comments—try to be responsive.

"Now, dear, don't make cynical ing and twisting her handkerchief."
"It's a tall old lady with gray nate."
"That 'ittle girl over by the wall," white at the neck. She holds a big pointing to an elderly woman in the third row. "I's a message for you." "S" before her. Maybe your moth"You're a promo Do you know Mary in the spirit er or a aunt—she don't say—but her world?" who I mean?"
"Yes," lied Warren to Helen's The woman, leaning tensely for-

Gilbert has just been working his

way through one of our prominent

what I mean?"

sort of hazy. There's sumpin you scrt of hazy. There's sumin you want to do but you you

Then with a start she realized the persuade you from sumpin you woman was talking to her. wanted to do?"

woman was talking to her.

In the evening there was always music, and close harmony in inter-

and a financial school directed by a

found shelter there during a general

demand for an interview with him

It was all entertaining and profit-

has written out an application for another term. But just now all

the places are taken, so he will have

It is a sad case, but there didn't

seem to be anything we could do about it, so we bade him good-bye.

When he left our watch was gone. Perhaps he will realize his hopes

sooner than he expected. He will

if we have any influence with the

to go on the waiting list.

by former owners of his fortune.

"I do."
"Well, that's all right, then—she just says to be careful. That's all a curious condition about you—all glancies.

"Not that I know of," painfully conscious of many backward "Yes, they did!" with an im-

patience she always showed when out speaking to Mrs. Stevens," contradicted. "Now I'm goin' to talk reluctantly following him down. to somebody else, That 'ittle lady right here in front. You came to find out 'bout a young man, Yes, you did-you needn't blush. Well, he's

vals between band concerts.

There was a penmanship class friend than a fickle husband. And conducted by a celebrated forger, you're not satisfied with other conditions surrounding you? Isn't that former Wall street man who had so?" The girl admitted that it was.

"They're going to improve. But be careful about signing any papers-I see the word 'Insurance'." Then irrevelantly, "Don't your bed face Gilbert would like to go back. He east?"

"Why-no," after a moment's consideration. "It faces west."
"West? Wait a minute," her hand to her head, "Oh, yes, I was looking told himat the foot. That faces east-that's better." Other readings, all padded with glittering generalities, followed. Al-

ways she touched on poor health and unsatisfactory financial conditions-that were soon to improve. Som. Mary, John, or William from the spirit world was there to help almost every one. If the messages were a fittle vague, more definite ones were

"Let's get out of here," Warren snatched up his hat and stick. As they were in the last row, he was out in the hall before Helen could protest. "Oh, it seems rude to go off with-

I'm afraid she'll be offended, "She'd be a lot more offended if I told her what I thought of that per-

kind. Isn't that so?"

"I don't know," stammered the rather pretty blond, much embarrassed.

"I don't know," stammered the rather pretty blond, much embarrassed.

"Warren, why did you lead her on? Why did you keep saying 'yes'?"

"Well, it's better to have a true friend than a fickle husband. And I thought I'd help her along a bit." "But it wasn't fair to mislead her," as they came out on the street.

"Fair! Why, the whole thing's bunk from start to finish. She isn't even a good actress. Half the time she forgot her baby talk. One min-ute she'd be babbling about the 'pitty lady'-the next she'd come out with some jaw-breakers. And her slang was up-to-the-minute."

"Yes, that wasn't very convincing yet she did get some things right. That old man in front of us-she

"What'd she tell him? That he what I meant. Now, tonight, you was in poor health and financial dif-turn it 'round so the head faces ficulties. I could've told him that north. Your vibrations will be much without ringing in Little Lot-

> "But that woman she told about the money coming from China—"
> "Oh, she had a line on her—she'd been there before. You could tell that by the way she kept chirping, 'Yes, Lottie'-'Thank you, Lottie." "But, dear, there must be something in it. Think of Sir Oliver Lodge, Conan Doyle-and all the really hig people interested in spirit-

"I'm not talking about scientific investigators. But that show tonight was pretty raw. What did Lottie say to that blond—better have a true riend than a fickle husband?' How's that for an infant prodigy? No wonder she's in the spirit world. Much too bright to live. Little Lottie must've 'passed out' with com-bustion of the brain!"

Next week: An Adventure In

penitentiaries. He has a new suit of clothes, and happy. He's homesick.
The world he finds much changed

Waving both hands to dismiss that spirit and summon another, "Lottie" turned to the other side of the room.

"That 'ittle girl on the aisle" and set off with the sheriff up the river.

Some of his old friends have martined. Others have turned honest.

There are still a few opportunities.

"Me, Lottie?" chorused three helpers. Now what with acetylene torches and pneumatic drills and T-N-T, capsules and other appurteoo! I hurts all down my leg. He had nances to the profession suggested by modern fiction writers a bur-glar can do his own work. That requires capital, of course.

The woman hesitated, evidently Gilbert hasn't any capital. Twenty Gilbert hasn't any capital. Twenty "He stoops and has gray hair. And dollars wouldn't buy a twist drill, he wants to tell you you mustn't say nothing of an acetylene torch worry. There's going to be a change or an aluminum pocket step ladder. in your affairs. You goin' to take a It isn't that he complains about,

It's homesickness. booful flowers. Oh, I know now!
You write for the movies?"

"I—I haven't yet—but I'd like to."

"Well, you will," brightly. "That's tiary, has never been heard of by Nobody knows him any more. His

"You're a promoter, aren't you?" Helen could hardly repress an audible gasp, as he repeated his oblig-

Then encouraged by Warren's mail authorities. You understand

"You send out a lot of circulars more next time." "You send out a lot of circulars more next time." Helen flushed indignantly. Warren don't be afraid. You understand?" Times Have Changed

By JAMES J. MONTAGUE-

Our old friend, Gilbert the Goat, to report a fire and send him around used to come up and lecture and sure to be useful later on. the corner to the engine house. read from their writings, and give

was in here the other day, complain-It's tough to be forgotten, Then there's the lack of the comfort and the luxury of prison life. If he wants grape fruit for break-He has a new suit of clothes, and fast he has to pay for it at the rate \$20, and a new trade. But he isn't of 35 cents for half a grape fruit. If he yearns for the movies the

travelogues. Some of them were poets, of

course, but that only happened now and then, so nobody minded it. Lots of Entertainment. He heard a great editor give 18 ways of keeping out of the penitendoor tender demands a ticket before tiary, all of which he had tried himself with much success.



ment, he has to sleep in cheap lodging houses. Anyone can break into

police. (Copyright, 1921, Bell Syndicate, Inc.) Ashes of Hoosier Poet Are Scattered to Four Winds

Oakland, Cal., Oct, 15.—To carry out the dying wishes of Richard Lew Dawson, Indiana poet, that his ashes be scattered to the four winds from the same funeral pyre from which the ashes of Joaquin Miller, Poet of the Sierras, were cast in 1913, a pilor could be had in which more degrimage of friends recently visited tailed and intimate advice would be demonstrated to the convicts the theory of relativity, and for five hours held them absolutely breath-less with interest and ansolutely breath-less with interest and intimate advice would be some of the convicts the interest and intimate advice would be given.

Even Helen squirmed a little over ceremony.