#### A CURATIVE SERUM FOR SCARLET FEVER

Frederick D. Stricker, M. D. In the past, numerous investigators have sent forth claims for the the earlier workers succeeded in hemolytic streptococci. This organcause of the disease. The hemolytic that of a secondary invasion.

The streptococci have been studied streptococcus theory and led to a renewal of earlier attempts to produce starlet fever in animals by inoculation of a streptococcus culture. These in such a way as to produce a localleed abscess in place of the usual widespread distribution, there followed a reaction of fever rashh parkedly resembling searlet fever. Carrying this work a step further rapid and without complications. Purhes and his associates began the com with curative properties.

A crystal is a better detector

than a tohe. That is why crystal

detectors are used in most reflex

cuercy sets. A tube is valuable be-

cause you get regeneration and amplification at the same time you

got detection, which means a louder

imal, but the tube is beaten by the

keep the solution of your storage

plates, otherwise the plates will

An acrial for a crystal set should made long as the crystal bes no plifying power and only picks up

lattery at a level of 14 inch shove

corrode and buckle, ruining the cell.

comes to quality.

minute quantities into the skin for what is known as the "Blanching test" and by injecting large quantities into the muscles to note its curative effect. By the "blanching" test it has been shown that the horse discovery of the germ of scarlet fev. serum produced the same effect as er. None of them, however, have that produced by convalescent husucceeded in furnishing constusive man scarlet fever serum, namely, evidence sufficient to gain general ac- that of causing the complete disceptance of their claims. Most of appearance of the rash within an area of one-half to an inch in diamisolating from the throats of scarlet eter. It was found, however, that fever patients bacteria known as if immune horse serum was first mixed with the serum of a patient la ism was asserted by many to be the the acute stage of scarlet fever, the mixture was devoid of blanching streptococci are chain-like cocci that power. This latter fact is taken to have the power of breaking down the Indicate that in scarlet fever, a cirblood cells. But since it was shown culatory poison is present in the that these streptococci were present | blood stream, analigous to the toxin in many other places besides the present in diphtheria, and that this throats of searlet fever patients their poison may be neutralized by subpresence was generall regarded as stances present in the anti serum in a similar way to the neutralization of diphtheria toxin by diphtheria serologically and are now classified antitoxin. Since this toxic substance late definite biological groups. This is not found when the organism is knowledge greatly substantiated the grown artificially, it is presumed that the toxin is produced only by the growth of the streptococcus in living tissue, i. e., in the throats and adjacent tissues of scarlet fever paaltempts were not successful until tients and in the abscesses of the ex-Duchez and his co-workers discover- perimental animals. To determine ed that if the inoculations were made | the curative value of the serum, injections of 40 c. c. Intramuscularly have been given scarlet fever cases. The cases were selected as being the

From a public health standpoint immulation of a horse for the pre- the possibility of the development of a of a curative secum. They a laboratory diagnosis presents itthat it would require several held as being of even greater benefit. modulations in order to produce a in the control of the disease than the discovery of a carative serum. Seriem collected from the blood With the mild character of scarlet it is borse has since been tested on fever as it is now occurring in this word obtained from the throat culstatiot fever patients by injecting country satisfactory isolation is all tures takes far too much time and

energy imposed on it, not having a local battery to assist it. About

A one-tube regenerating set will bring in all the stations that a three-tube set will, the only advan-

tage of a three-tube set being that it will operate a loud speaker. An

audio frequency amplifler merely

amplifies the signal after the de-

Three dry cells will have to be

wired in series for use with the UV-199 and C-299 tubes, and if more cells are added they will have

tector has made it audible.

RADIOSHINT

150 feet is best.

most severe of hospital cases. In

most of the cases the recovery was

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Burns, Oregon

most impossible, because of the large | trouble to be practical for dianosis | collectors. number of cases that escape isolation. The "blanching" test, though with a definite rash, obviously can be of no service in those cases in which the rash is very scant, transitory or absent-in other words, in just those cases in which a test is most needed. Diagnosis by the takinig of throat cultures on the other hand, if such a test could be made practicable abould turn out to be ful- | tor & Company. y as great in value of the similar icut so long in use for diphtheria. At the present time, however, the

on a large scale.

owning YOUR OWN HOME, we for from the outside. will show you how to own your Porches are most attractive when

HOME POINTERS

for lampshades and lampshade linings. Blue and green give an un-

pleasant light when used as linings. Buff and cream are the satisfactory colors for window blinds. Dark green shades with cream interiors are good to modify brilliant light.

Tan and gray are most successful in rooms with a northern exposure. Gray must have furnishings of enough brightness to give color.

Plates are no longer used as decoration in small houses and seldom in large ones. Plate rails overcrowded with china give a room a tudicrous appearance and are dust

**FULLER** 

the house while filling the refrigera- I told her that I thought so, fo rI apparently quite reliable in cases REDUCE YOUR TAXES, by dealing tor, have the refrigertaor placed saw a load of hay go through this with home concerns. We are against an outside or backporch wall morning. I wonder why she don't Agents for the Union Savings and so an opening may be cut in the wall speak to me now when we meet. Loan Association of Portland, Ore- opposite the ice chamber. The ice gon. Pay your rent money towards may then be placed in the refrigera-

own home, and make BURNS A farnished in shades of brown, gray, REAL HOME TOWN, W. T. Leas and light and dark green. Red and 5-17 | yellow are effective when carefully

Chintsia, when of good quality, color, and design are good in any process of grouping of the streptto- (From O. A. C. Home Economics room. Silks and velours are more often used in formal rooms, how-Yellow and rose are the best colors ever. Chintz is associated with the country home.

EXPENSIVE ROUTES

Grubb: "What's this I hear about trouble between Biggs and his

Smaker: "The usual story. She's erazy about dry goods and he's crazy about wet goods."



caten feeling and acid Its I-a-s-t-i-n-g flavor satisfies the craving for

Wrigley's is double value in the benefit and pleasure it provides.



A fleshy lady asked if she could To avoid having the ice man enter go into the park through the gate.

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BURNS GARAGE

Barns, Oregon

# This Week By Arthur Brisbane

Florida-Great Empire to Be. Two Political Questions. Deep Plowing Pays. Dress Up, Girls, Dress Up.

The stock of the Atlantic Coast Line in Florida reaches a "new high." Big profits are made, and the stockholders exult. If Florida interests you, or railroad profits, find out what S. Davies Warfield, president of the Seaboard Air Line, is doing with his new railroad in Florida. When he finishes the short cut from the West Const of Florida across to Palm Beach and other points, establishing direct connection between New York and Southeast Florida, over his own rails, there will be an active flight for business and profits.

There will be plenty of business for both roads, however. No imagination can forease what the prosperity of Florida is to be.

That State, which, as the Jackson could once have bought for five cents an acre, and ultimately did buy for fifteen cents an acre, is not one day to be in several different ways the greatest State in the Union.

Two questions that interest politicians are these: Can the Democrats be persuaded

to give up the rule that compels a man to get two-thirds of all the delegates before he can be nominated?

nated?
And will the Democrats put in their national platform a plank decoracing the Ku Klux Klan, and thus outlawing many Southern States on whom the Democrats must depend to win?
It is a delicate question and may be solved by some vague generalization concerning all secret so-

to be wired in parallel to the first three. In the first case, the series In Baltimore, a farmer named Meyerly is said to be plowing up a good wheat field, with a sub-soil plow, having been told there is gold in his land. He won't find gold, but if he plows doesdy enough, and plows his wheat un-der, he will improve his soil, and here will improve his soil, and

increase his farm's value. In the second part of Faust, Goethe tells of the farmer plowing deep because under the Emperor's law he was allowed to keep all the plow." That was probably an ingenious atheme to make the farmer plow deeper, make his soil richer, and thus be able to pay heavier taxes.

The State of Kentucky killed three men by electricity, two white, one colored, one white manseventy years old. Forty-six minutes after they began walking to the death chair, one after the other, all were dead. Only one spoke, as he was strapped into the chair. It was Frank Thomas, white man, who said, as the light was shut out from his eyes for ever by the electrocution mask, "Good night, I'm going home."

Wouldn't it be interesting to know where, how, in what home those three men will awake—if at all. Will the black man still be black, when he comes to and dimly renembers he he died? Will the gray-haired murderer still be seventy years old, or begin again as a new baby? Interesting questions.

College young ladies, of the Young Women's Christian Asso-ciation, tell working girls to dress "plainly and demurely" for their souls' sake and to impress possi-ble husbands with their good qualities. Sensible Helen Gwynne, retiring president of the Y. W. C. A., who is a factory worker, and has presided over an assembly of 30,000 factory girls, tells

these girls to dress as conspicuously as they can, "even flashily."

The rich girl, says Miss Gwynne, can afford to dress plainly. That sets her off in her luxurious surroundings. But the working girl, in her plain home, must dress as well as she can, by way of contrast with her surroundings, if she trast with her surroundings, if she wants to marry. Sensible Miss

An automobile amash-up with Jesse James hort reveals the fact that the son of the great highwayman now works as a patrol to pre-

Everywhere you see verified Fourier's saying "Contrast in character between father and son."



The crisis in an had like degrin coal, ye have give size to apprehensions of the wints, with its snow, and the crisis in the most-supply, or grain that makes our bruget,

connection will give a voltage of

414 volts and the amperage of one

cell, while the parallel connection

added to this will still retain the

41/2 volts, but will raise the amper-

Don't let your set squal. Use

copper shield back of the con-

denser to the ground post. The shield should not touch the con-denser shaft, should be square in

shape, with an arm running to the ground and shellaced to the panel

age of each cell added to it.

keeps the average consumer in a constant state of dread. . . . And—it sends the prices skyward, every time the crisis frowns,—when the life presciver's out of reach, of course the

er's out of reach, of course the sailor drowns. . . While the wreckin' crew is patchin' up more economic laws, the panic devil tears us with his unrelentin' claws. . . I have watched the operation through so many gloomy days, that I harbor my suspicions of the feller that it pays.

There's a reason, at the bottom of each economic mess,—and when a trouble's chronic, it is hard to cure I guess. . . Ain't it time for changin' doctors—when the treatment seems to fail? Can small-pox treat itself without the drugs a-growin' stale? We'll never find the remedy in self-inflicted laws, while the pestilence is spreadin under treatment by its cause!







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You tell me what you are going to do in the way of building and home decorating this spring and I'll tell you some things I know about that, and will make you prices that will make you sit up and take notice.

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