

# SALEM WELL DESERVES THE NAME: THE CITY OF BEAUTIFUL HOMES

A Gem of a Small Home for a Moderate Sized Family



THE BLACKFOOT—DESIGN A 727

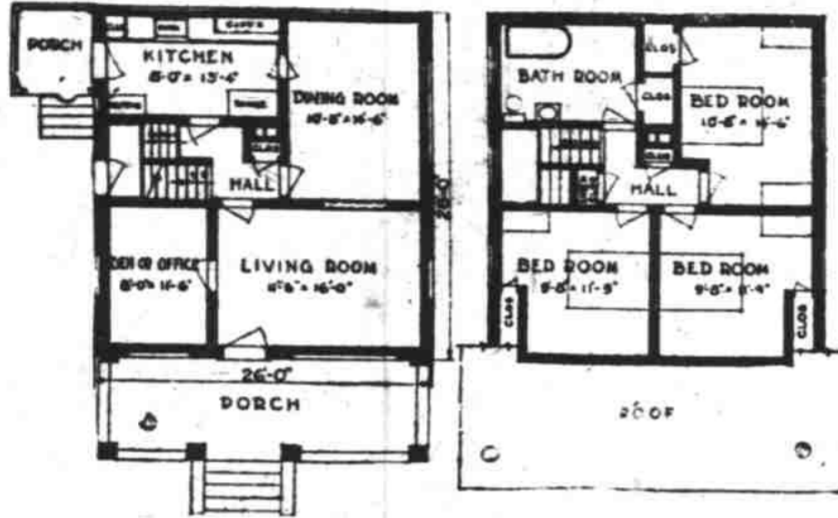
Compactness, convenience and comfort are the predominant features of this very attractive little home for a small family.

It is planned with the positive minimum of lost space. The rooms are all well arranged, of good size and especially well lighted. This in turn makes for good ventilation, comfort and health. Dark days will never become a bugbear in this home.

Built of common brick it has an air of sturdiness mingled with that of substantiality. At sight it becomes a testimonial to the taste and the reliability of its owner. It is neat and trim without architectural exaggeration. Its whole perspective spells home.

As shown a den is cut off from one end of the living room, but the living room might just as easily extend all the way across the front. Both dining room and kitchen are large. The rear porch

is a convenience certain to be appreciated. Upstairs are three bedrooms, roomy and with ample closets. The bath is large also. It, too, has a closet for linens. All open upon a common landing at the stair head. For a 40-foot lot few houses are better fitted.



## BUILDING HOLDS UP THROUGHOUT NATION

Survey Shows Increase of 26 Per Cent in 402 Cities Checked

Indications of unusual mid-winter activity in the building industry are disclosed by the national monthly building survey of S. W. Straus & Company, for November, made public today. The outstanding factors of progress in the building industry as the year closes, are: A November increase of 26 per cent in 402 cities and towns, which is a complete reversal of the situation last November, when the country as a whole showed a November loss of 13 per cent; a gain this year of 46 per cent in the twenty-five leading cities, only three failing to report an increase; a volume of permits in the 402 places of \$340,552,424, which is a gain of more than \$69,000,000 over last November; a New York city gain of 83 per cent compared to a heavy loss last year; a continued boom in the south, with an increase of 52 per cent, reported in seventy-six cities in the twelve strictly southern states, a general showing of strength in the building material market and with the labor supply equal to the demand for men in nearly all trades.

Practically all of the larger cities of the country reported heavy increases for November. Philadelphia had a gain of 118 per cent; Miami 294; Coral Gables, 167; Chicago, 13 and Detroit, 20. Others in the twenty five city list which had gains were: Cleveland, Boston, Washington, Baltimore, Minneapolis, St. Louis, Milwaukee, Newark, N. J.; Portland, Ore.; Indianapolis, St. Petersburg, Oakland, Cal.; Rochester, N. Y.; Yonkers, N. Y.; Cincinnati, Allentown, Pa.; and Jacksonville, Fla.

Large gains were also reported from the following states: Arkansas, Arizona, Connecticut, Illinois, Indiana, Idaho, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, New Jersey, North Carolina, New York, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota and Texas.

a number of things were brought out which might indicate where broadcasting is going. It was practically agreed that increased power was a necessary step in the progress of broadcasting. "It is my opinion that sooner or later, all the larger stations will be forced to become commercial broadcasters, many will be forced into chain broadcasting and that larger firms contemplating the erecting of broadcasting stations will instead buy time on one already established.

"These are things well known in broadcasting. To go further and step into the realm of further prophecy would be foolish. No one knows."

## NOVEMBER SALE OF FORDS SETS RECORD

146,768 Passenger Cars and Trucks Delivered to Customers

All records for early winter Ford sales were broken during November when 146,788 passenger cars and trucks were delivered to retail customers in the United States. This is an increase of approximately 25,000 over the November sales a year ago.

Another evidence of the popularity of the improved Ford passenger cars is shown in the enrollments in the Ford weekly purchase plan, which have risen to unprecedented numbers. During November a total of 31,425 persons enrolled under the plan and began paying on cars, more than twice as many as enrolled during the same month last year.

As the holidays approach deliveries of cars to customers who have been buying them under the weekly purchase plan are increasing. Some began paying on their automobile as long as a year ago, others during the early spring and summer months, long before the improved Ford types were introduced. All now benefit in the convenience and comforts afforded by the improved cars and their increased value, without any additional cost.

## Philippine Soldiers Buy Own Uniforms to Look Neat

MANILA.—By purchasing their own uniforms rather than wear "the cheap shoddy clothing issued here," Major General Eli A. Helmick, inspector general of the United States Army, said the enlisted men of this department made a good appearance during inspection.

General Helmick described the shoddy issue as an oversupply of World war times, which he said were unfit for any use except as work, fatigue or field clothing.

"It illustrates the fine spirit of the enlisted personnel, both native and American, that they have willingly gone into their pockets and paid for the material and making of good uniforms," said the General. "I hope that they will not longer have to do this and I shall do everything in my power to remove this hardship."

General Helmick commended the Philippine soldiers of the Philippine Scouts. In the General's opinion, the Philippine soldier easily submits to discipline and when properly trained and led would acquit himself well in the field.

## British Take Steps to Wipe Off Spot Human Slavery

GENEVA.—The last spot on the British Empire's map where human slavery still exists is the Hukawng Valley in the upper portion of the Indian province of Burma. By the next May the empire hopes to have removed this last vestige from the dominions and colonies directly under its control, and from those bordering it as well.

The local potentates have agreed that a fixed price shall be set for each class of slave in the Hukawng valley and once it is fixed the bondsmen in question shall immediately become free and enjoy all the rights and privileges of other freemen.

## TO KILL 'BIRDIES' GOAL OF RADIOMEN

Fourth Annual Conference Strikes at Interference By Radiation

By JACK BINNS

One of the most important actions of the Fourth Annual Radio Conference was the step taken to ultimately stop the manufacture of all types of radio receiving apparatus which cause interference through radiation. This action comes as a direct result of the failure to check the growth of the offending types through the instrumentality of voluntary committees.

The interference caused by radiating receivers invariably manifests itself in the form of a peculiar whistle, which, some of our early engineers with a sense of humor, promptly dubbed "The Birdies."

Some idea of the damage which one receiver of this type may cause is illustrated in the experiments recently conducted by Messrs. W. H. Hoffman, Don Mix, and Philip Zurian at Madison, Wis. In these experiments a single UV 199 tube successfully communicated with New York, or—in other words its effective range of radiation was 1,000 miles. This tube, of course, was used in a set designed for the sole purpose of transmission, but it is a good indication of the destructive possibilities of a radiating receiver.

The experience of the voluntary committees, formed to eliminate interference by educational methods, has shown that the public generally has come to believe that only those sets, frankly made under a regenerative license, cause radiation. Another fallacy in the public mind is that a stage of tuned radio frequency ahead of a regenerative detector will prevent radiation, and further that tuned radio frequency sets do not radiate.

In the latter respect it is interesting to note that a decision by Federal Judge Campbell in Brooklyn, recently handed down after thorough examination and demonstration clearly states that a tuned radio frequency set equipped with means available to the operator for controlling regeneration both below and above the oscillating point or threshold of oscillation is regenerative and therefore employs the feed-back principle.

It is a fundamental fact that the feed-back of energy from the plate to the grid of a vacuum tube is necessary to the production of the oscillations which cause radiation.

Experiment shows that even in a receiver which has a completely neutralized stage of radio frequency ahead of an oscillating detector, radiation will emanate from the coils associated with the detector tube, and cause trouble.

None of these are sufficient in themselves to prevent radiation. The receiver employing anyone of them must also have means of neutralizing—such as for instance the neutrodyne, or the Scott Taggart arrangement or else resistance for suppressing the effects of capacity coupling over the range of the broadcast wave lengths. Neutralization is the one method which does not interfere with the efficiency, selectivity or sensitivity of the nonradiating receiver.

## Test Einstein Theory on "Pup" and It Proved Good

PASADENA.—The Einstein theory has been tried on the "pup" and it has made good.

With the aid of the Dog Star Sirius and its celestial but invisible "pup" Dr. Walter S. Adams, director of the Mount Wilson observatory, said that one of the bases of Einstein's proposition, which says that light has mass and is subject to gravitational attraction, has been further substantiated.

Sirius' companion is said to have a density so great that a pint bucketful of its substance would weigh 25 tons on this earth. With such a density goes exceptional gravitational pull, says the scientists, and Dr. Adams' experiments established the fact that the sun's rays in travelling past this star were bent by this heavy drag.

The conclusion reached was that light is not illuminated nothingness, but that it has mass and, that being the case, it is prone to be attracted or repelled by certain forces, notably that of gravitation.

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## 'Y' DORM MAY BE READY IN FEBRUARY

Open Weather Enables Work to Be Pushed Faster Than Expected

With work on the new YMCA building under construction on Court between Cottage and Church streets progressing rapidly and steadily, local YMCA officials are beginning to have hopes that the building will be ready for occupation by the first of February, 1926.

Final coats of stucco have been applied to the west and east walls of the building, from the front on Court street to the rear of the gymnasium walls. The entire rear wall of the building has been washed and dashed with the first coat of stucco. The final coat has been applied to the upper third of the wall. This work will be completed by the end of the week. It is expected. The stucco work on the walls of the court down

through the interior of the building is completed.

Final tile roofing has been laid on the east outer portion of the roof. Laying of the tile has been started on the west outer portion. It is expected that work on the roof will be completed by about the middle of the week.

Laying of the tin roofing on the roof portions of the court was completed Friday. With the exception of painting three or four of outer window casings, the exterior work on the court has been finished.

The outer sides of the window casings are being painted a light brown, to harmonize with the stucco. This work will be done before the week is out. The finished fancy window frames are being prepared to be fitted. These will probably be put in place this week.

In the plain frames that are to go in the windows for dormitory rooms, in the rooms on the third floor, and in the upper gymnasium windows the panes have been incased. The window frames have been oiled, and are now ready to be installed.

Work of laying the finished boards to partition off the main gymnasium from the rest of the building has been completed. The

partition has been oiled, the wood retaining its natural color, and harmonizing with the ceiling. A spectators' room has been provided for in the center of the gymnasium, just to the rear of the partition.

Plastering is all but completed on the second floor. One or two rooms yet remain to be plastered. Work on the third floor is done and the dormitory rooms are ready for finishing touches.

Lathing is better than half done on the first floor. This work will be completed before the end of the week. Carpenters were at work yesterday putting in the rough boards of the walls to the entrances of the men's and boys' lobbies.

Form boards on the outside of the front wall is completed. The reason is given that the temporary elevator is still in use in carrying the tile to the roof. Because of this, the form wall will be the last to receive the finishing coat of stucco.

## PLANS RUBBER COMPANY

NEW YORK, Dec. 19.—Harvey Firestone Jr., will continue his plans to create rubber plantations in Liberia, it was announced here. Firestone on his return from London stated his company will proceed with its plans regardless of whether the Stevenson scheme ceases to operate or not.

## HIGH RADIO POWER SAID COMING SOON

Prediction is Made That 50 Kilowatt Stations Will Soon Be On Air

"I'm frank to say that I don't know what broadcasting is coming to," replied S. E. Baldwin, in charge of broadcasting at the Willard Storage Battery company when this question was recently put to him. The Willard company operates the big Cleveland broadcasting station, WTAM.

"There are hundreds better qualified than I to answer that question and I think their answers would be practically the same—"I don't know."

"We can make some guesses based on conditions at the present time. For instance, there is little doubt that within a comparatively short time the big broadcasters will be using 50 kilowatts or more and the 5 kilowatt station which is at present our so called super-power transmitter will be classed as a small station.

"There will also be necessarily but a comparatively small number of broadcasters. Necessarily, because the cost of installing and maintaining a 50 or 100 kilowatt transmitter will be prohibitive to all but a very few.

"At the recent radio conference

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