

New Hospital Switchboard Handles 400 Calls Daily

Along with the other new equipment the hospital boasts the most modern type of telephone switchboard. This was installed by the Waynesville office of the Southern Bell Telephone and Telegraph Company.

The switchboard, located near the information desk, stays busy most of the time. Including outside and inter-office calls, between 400 and 500 messages are handled daily.

This new switchboard is much more streamlined and efficient than previous types. The writing shelf, for example, is devoid of all equipment except the operator's dial. It can be equipped to serve 120 stations, or telephones, and it is felt that telephone communication at the hospital will be adequately taken care of in the years to come.

As an emergency measure a hand generator is provided. In case the power at the central office fails, this generator can provide enough power for making calls. Such precautions almost completely eliminate any chance of power shortage.

Like Jason, Uncle Sam Quests "Golden Fleece"

As the U. S. begins its partial mobilization program, Uncle Sam is loosening his purse strings to enter the international market in an expensive quest for large supplies of wool, which today is truly the "golden fleece."

A compelling reason for the intensive buying program is indicated by the recent disclosure that the country has failed to build an adequate stockpile of wool to meet the present emergency. Meanwhile, prices for this vital commodity have soared to the highest level in history, notes the National Geographic Society.

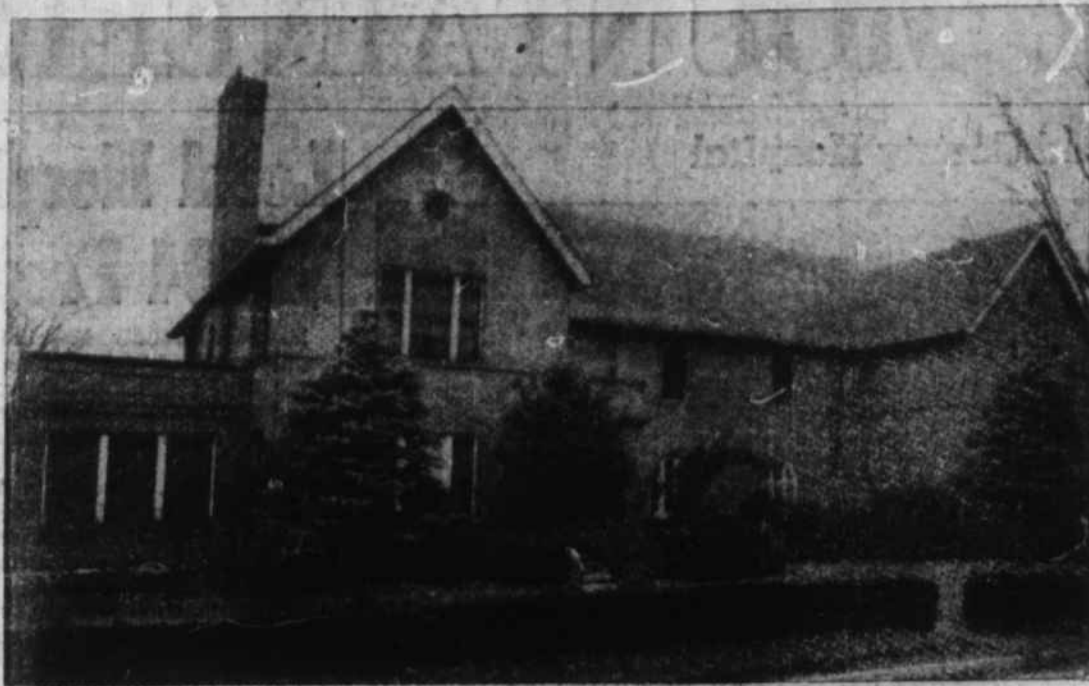
Although practically every nation grows some wool, most of it comes from Southern Hemisphere countries—Australia, Argentina, New Zealand, South Africa and Uruguay. Australia is the world's leader, accounting for about one-fourth of the international supply. Large producers in the Northern Hemisphere are the United States, Great Britain, Spain, France and Italy.

But U. S. demand for wool has far outdistanced the domestic supply. The nation normally consumes about 200 million pounds annually, domestic sources yield little more than a fourth of that amount. At Boston, long a center of wool trade activity, prices in recent weeks have risen to as much as \$3 a pound for certain good grades of cleaned wool.

Steel-making capacity of the United States has risen 44 per cent since 1940. The increase is nearly twice the annual capacity of Great Britain and more than Russia's total estimated capacity.

Want ads bring quick results.

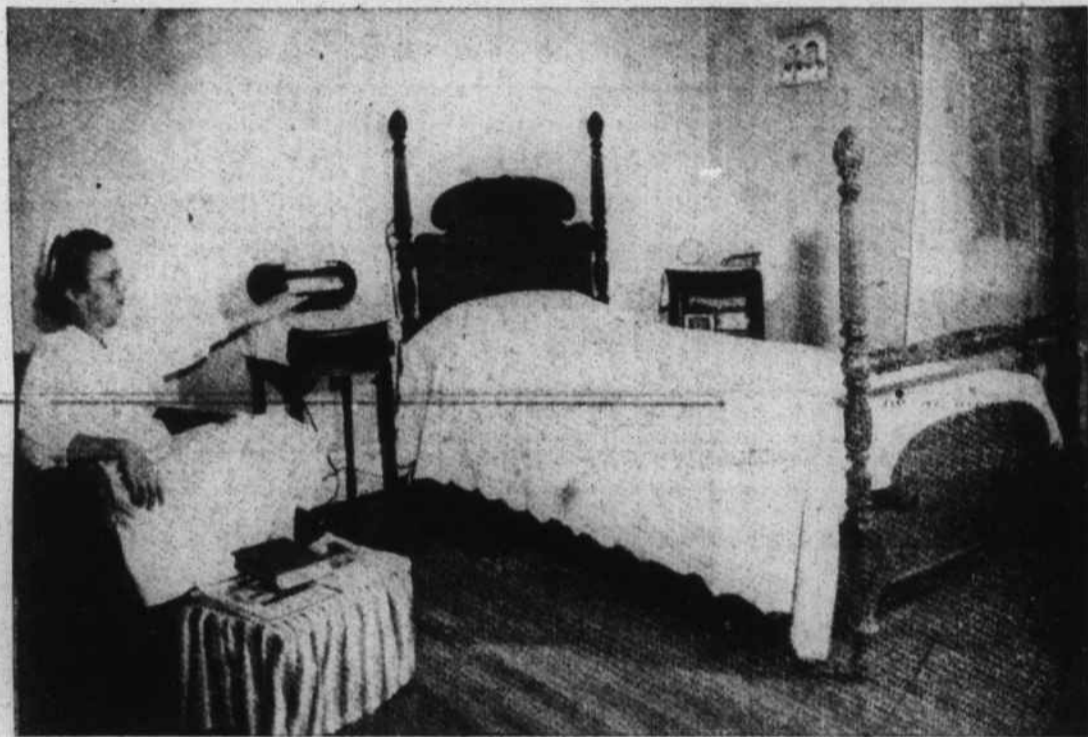
Nurses' Home Is Asset To Hospital



This is the exterior view of the nurses' home, which is just back of the Hospital.



The large, and spacious living room of the nurses' Home.



One of the home-like bedrooms in the nurses' home.

Funds For New Hospital Came From Three Sources

Three different sources have contributed to the financing of the hospital improvements with the exception of renovations in the old wing, expenses that were paid by the county.

Totalling \$671,000, the money has come in various proportions from the county, the State, and the federal government. So in a way, the people of the U. S. have figured in the job. The U. S. Government gave 44 per cent, or \$295,240; the State 26 per cent, or \$177,144; and the county, 30 per cent, or \$198,616.

Federal funds were already at hand through the Hill-Burton Act, and the State, to help counties improve or erect hospital facilities, also contributes funds. The county is obliged to furnish only one third the total cost.

On Oct. 1, 1949, the people of the county gave a 13 to one majority to the \$225,000 bond issue and the expansion was assured because federal and State money is not available until the county has raised its share first.

Army Needs All-Purpose Rubber For Operations

American chemists, who engineered the synthetic rubber miracle during World War II, must now provide the army with rubber equipment which will withstand all weather conditions from tropical sunlight to Arctic cold.

Because it is not possible to earmark rubber items for use under a given set of climatic conditions, all equipment must be designed for successful operation from 65 degrees below zero to 130 degrees above.

Items intended for tropical use might encounter temperatures below freezing during airborne transit, indicating that the Army needs rubber items which, when out of use, can be stored at temperatures from minus 80 to plus 160 degrees. Even greater extremes than this have been experienced.

Four low-styrene modifications of the standard GR-S synthetic rubber—two of them made by the "cold rubber" process—or blends of them—fulfill the requirements of non-oil-resistant rubber for military purposes. The use of these types of rubber would also tend to relieve the nation's critical shortage of styrene.

Cerro Aconcagua, South American peak 23,091 feet high, is said to be the highest known peak in the Western hemisphere and highest south of the equator any place in the world.

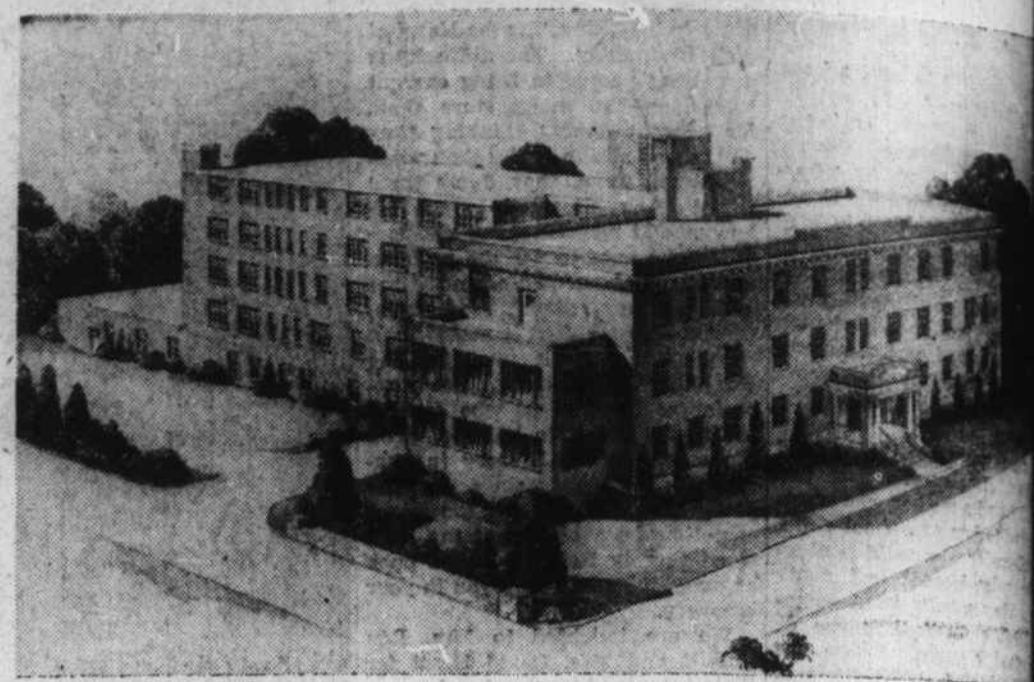
Traveling Traffic Record

HARTFORD, Conn. (AP)—If a Connecticut motorist becomes a traffic law violator, he carries his court record around with him.

The 1953 issue of drivers' licenses has a space on the reverse side for the court to record the type of violation, date, town and the judge's name. There's room for two violations.

Youthful Curiosity

SOUTHINGTON, Conn. The fellow who turned in an alarm that brought a hospital to a halt and caused a patient to be moved into a hospital building under a fire alarm was the infant occupant was enough to reach.



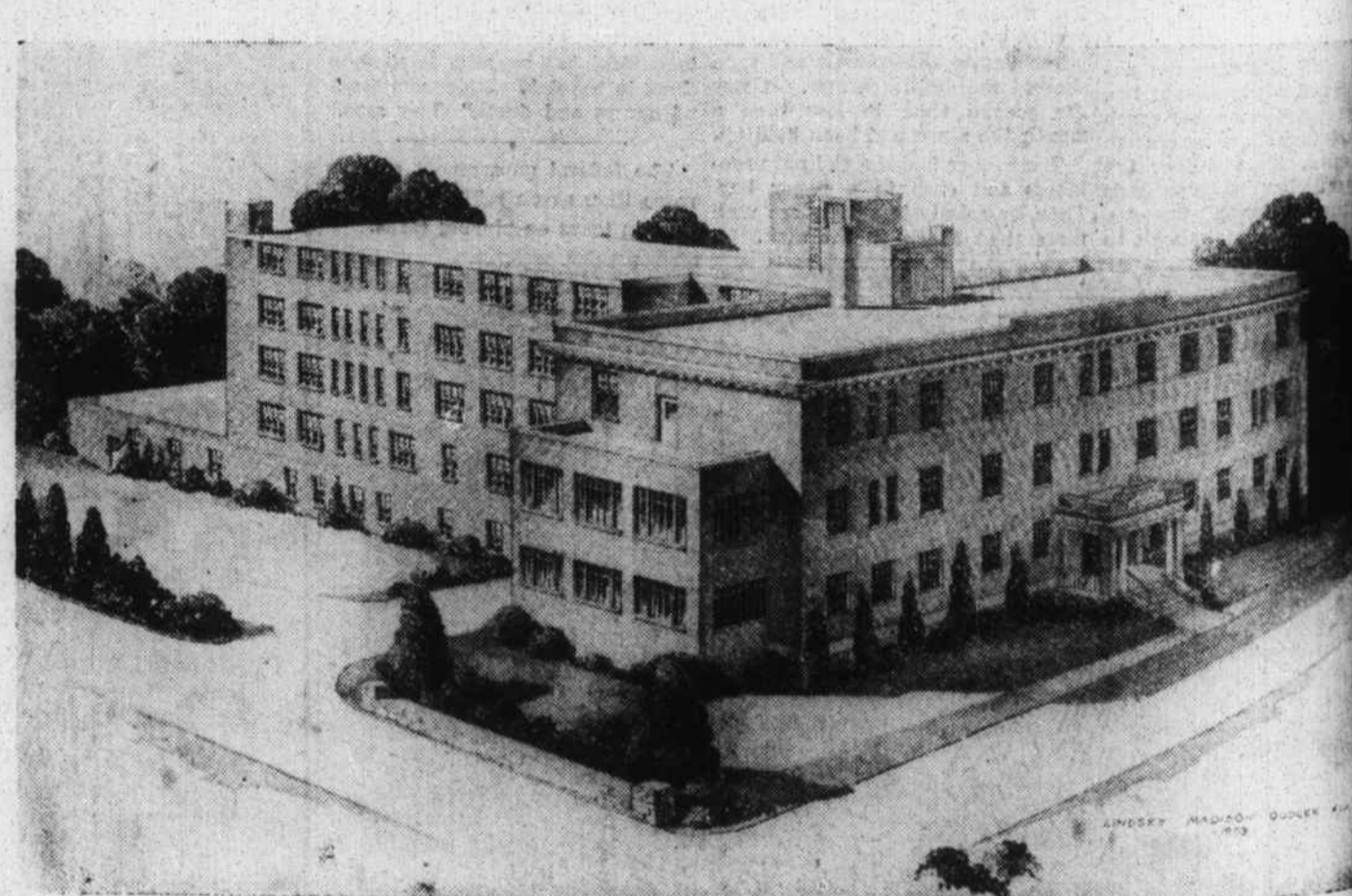
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A Queen's Language

LONDON (AP) — British peers, lucky enough to be assigned seats in Westminster Abbey for Queen Elizabeth's coronation, received this "invitation" from the young sovereign:

"Right Trust and Well-Beloved Cousin.

"We greet you well. Whereas the second day of June next is appointed for the solemnity of our royal coronation these are to will and command you (all excuses set apart) to make your personal attendance on us at the time . . . furnished and appointed to your rank and quality appertaineth. Whereof you are not to fail. And so we bid you most hearty farewell."

The term "cousin" is used by British sovereigns in addressing members of foreign royal families and persons of high social rank.

Scientific Instrument Charts Human Blood Flow

The newest scientific instrument is a machine which photographs the flow of blood through the human circulatory system.

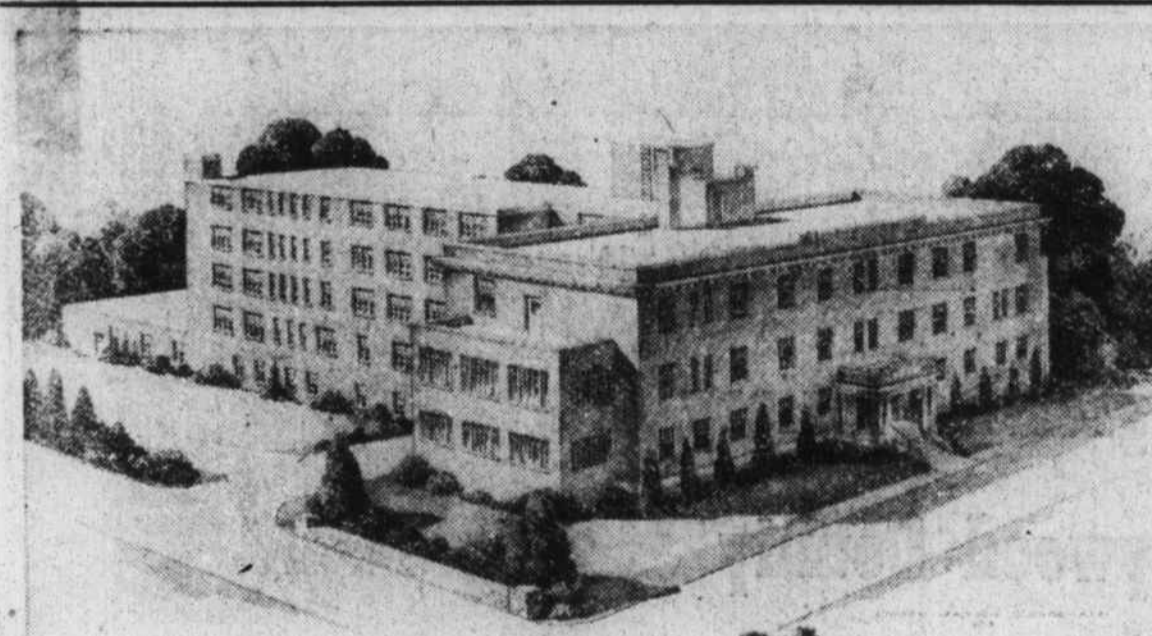
Called a "seriagraph", it is actually an X-ray machine, which takes pictures as rapidly as every half-second although it can be set for lower speeds.

The seriagraph is most valuable to the brain surgeon. It can be used for other parts of the blood system, but is especially valuable for locating brain tumors, cerebral hemorrhages, atrophies, and other kinds of pathological deteriorations.

Principal parts of the apparatus are the rotating anode tube, which projects the x-ray, and a Fairchild aerial camera, which records the pictures on a roll of film.

A patient brought in for observation of a suspected brain tumor is placed on a table, under anesthetic, with his head immobilized between the tube and the camera. A radio-opaque substance, either a thorium or an iodine dye, is injected into the artery in the neck with a syringe.

During the six seconds it takes for the dye to travel through the arteries, capillaries and veins of the brain, and out again, the camera makes its pictures. If there is a tumor, the pictures will show where the flow of dye was blocked.



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