

# Use Secret Radio in U. S. Crime War

## Undreamed of Enforcement Results Expected

Washington.—A nationwide radio system, utilizing the mysterious ultra high frequency waves and dedicated to the elimination of crime, is in the making at the Department of Justice.

The federal bureau of investigation, under the direction of J. Edgar Hoover, for weeks has been secretly operating an experimental radio station from the roof of the \$12,000,000 Justice building here. Police departments in 133 cities have obtained special licenses from the federal communications commission for similar experimental plants.

Ultimately it is hoped that a master station in Washington will coordinate and direct the whole system, so that, in effect, the nation will be blanketed by one police radio layout capable of law enforcement results hitherto undreamed of.

**Operating at Low Power.**  
The present radio plant atop the granite and aluminum palace of justice is operating with comparatively low power, utilizing wave bands in frequencies up to 40,000 kilocycles for communication with Justice department cars traveling in and around Washington.

The network of similar experimental plants elsewhere is being used for the same purpose of perfecting wireless communication on wave bands which so far have been considered impractical, because of skip-distance characteristics rendering them useless for short-range operation.

Plans for the permanent station here have been approved by the fine arts commission and the communications commission. It is expected to be so costly, however, that congress probably will be asked to make a special appropriation for its erection.

Hoover has sought advice from several hundred police departments concerning the project. The federal manhunters are enthusiastic over possibilities of the plan. They point out that with such a national system in operation, a fleeing public enemy would have no chance. They say that roads in whole sections of the nation could be blocked off almost instantly, if necessary, while matters of identification and the like could be handled across the country in almost the time it takes to tell about it.

**Ready to Grant Superpower.**  
Because of the ultra-high frequencies being used, the communications commission will grant the stations involved super-power, if need be, although none of them now is using more than 1,500 watts in experimental work.

This relatively powerful station is in use now by the Boston police department on the 30.100, 33.100, 37.100 and 40.100 wave lengths. Boston also has five portable stations using the same frequencies.

Other cities holding similar experimental licenses include Alham-

bra, Calif.; Amarillo, Texas; Atlanta, Ga.; Birmingham, Ala.; Cambridge, Mass.; Chicago; Cincinnati; Cleveland; Detroit; Evansville, Ind.; Harrisburg, Pa.; Hartford, Conn.; Jersey City, N. J.; Kansas City, Kans.; Long Beach, Calif.; Los Angeles; Oklahoma City, Okla.; San Diego, Calif.; Springfield, Ohio; Wichita, Kans.; St. Louis and Salt Lake City.

## Horned Toad Is Pioneer of County in Oklahoma

Altus, Okla.—A horned toad is one of the "pioneers" of Jackson county.

R. H. Matthews first noticed the toad 18 years ago, and it has been on his property every summer since that time, and he doesn't know how long it had been there before. Matthews says the toad feeds on two ant beds in his yard, and is distinguished from others of its species by a crippled leg. Dr. C. G. Spear verifies the fact that the toad is the same one Matthews first noticed in 1917.

Each year, Matthews says, ten or twelve of the toad's tiny offspring are seen with it, but they all crawl away from "home" as they get larger.

## United States Inventors Are Busy Despite Slump

New York.—The activities of American inventors seem to have been encouraged by the depression, for as many patents are being granted in the United States in the past few years as in normal times. The ingenuity displayed by inventors, the seriousness of purpose and the value of their ideas is fully up to their high standard.

A patent is issued today to the United States for every 2,500 population. The average is higher than in any European country. This is explained by the natural inventiveness of the average American youth and the high monetary rewards for successful inventions. Despite the depression there are some fifty group patents in the United States which have earned \$1,000,000 and thousands of others which have brought inventors large incomes.

It now is possible for the inventor in the United States to be regularly trained in the art of inventing. The Inventors Foundation, a philanthropic organization, has established courses in training inventors in leading universities and by correspondence. The inexperienced inventor is taught by experts how to study the patent field and find just where new inventions most are needed. Since inventors often are inexperienced in business and law, the courses instruct him in the best plan for disposing of his patents so that he may be assured a fair return.

## Acting Seen Cure for Mental Ills

### Theatrical Treatment Tried Out by Hospital.

Baltimore.—Taking his cue from Shakespeare's immortal line, "All the world is but a stage," Dr. Douglas Noble, director of male patients, Sheppard Pratt hospital here, is developing use of the theater for treatment of psychiatric patients.

Working on the theory that mental patients are usually victims of lifelong dissatisfaction and inward tension, Doctor Noble believes dramatics gives patients opportu-

nities to straighten out tangled emotions.

Doctor Noble's experiments with the theater have shown its benefits to psychiatrists are two-fold:

Those participating in actual presentation secure self-confidence and greater social ease.

Those in the audience benefit from the identification of their own distorted personalities with the more normal characters and orderly life portrayed on the stage.

Doctor Noble said: "Within the hospital, theatrical activity forms a vital part of our program. Our experience has shown that opportunities are afforded for expression of a multitude of interests; acting, music, stage design, costume making and the like, which when taken together, provides delightful entertainment for the entire group of patients in which a large number of them have some personal share.

"Fusion of groups of patients becomes closer and individual recognition is obtained, leading to self-confidence and greater social ease." Doctor Noble, whose work at one of the leading mental hospitals in the East has won world-wide acclaim, thinks dramatics could prevent mental disorders.

Contending that dramatic instruction is vital, Doctor Noble explained the relationship between his findings and the general theory of education.

"The modern concept of education in its preoccupation with the growth of the total personality emphasizes the need for the development of a variety of real interests so that adequate sublimation or maximum outlets for inner emotional needs will be attained," he said.

**Carves Own Tombstone**  
Columbus, Ohio.—Frank Sauter, seventy-six-year-old stonecutter, carved his own tombstone, cut his throat and shot himself through the head fatally in the little stone yard he had operated for 40 years.

## SILK MOUSSELINE

By CHERRY NICHOLAS



In this quaint and lovely gown of brown mousseline de sole with white polka dot we read the message fashion would convey, that dotted swiss which was the pride and joy of grandma's day has come back. Being silk and worn over a silken slip formalizes this dainty frock into a dress-up gown of distinction. The dozens and dozens of wee buttons down the front add a charming touch in keeping with the youthful spirit of this dress. The circular-cut skirt interprets the very new silhouette designers are now advocating. The freshness which white always expresses is achieved in the white tailored collar and white border on the capped sleeves and the daisy boutonniere.

## New Hopi Village Is Built on Ranch

Mesa, Okla.—A new Hopi village has been constructed here and craftsmanship of this picturesque and superstitious tribe from northern Arizona has been transferred to the southland for the first time in the history of Arizona.

A Hopi tribe was brought recently to establish new homes on the M. W. Billingsley ranch, construct a typical Hopi village and ply their trade of silversmithing, basketry, weaving and other arts and crafts for which the tribe is famous.

The community is expected to be self-supporting and has been established here for the advancement of the Hopi arts.

## Showing the Country to City Children



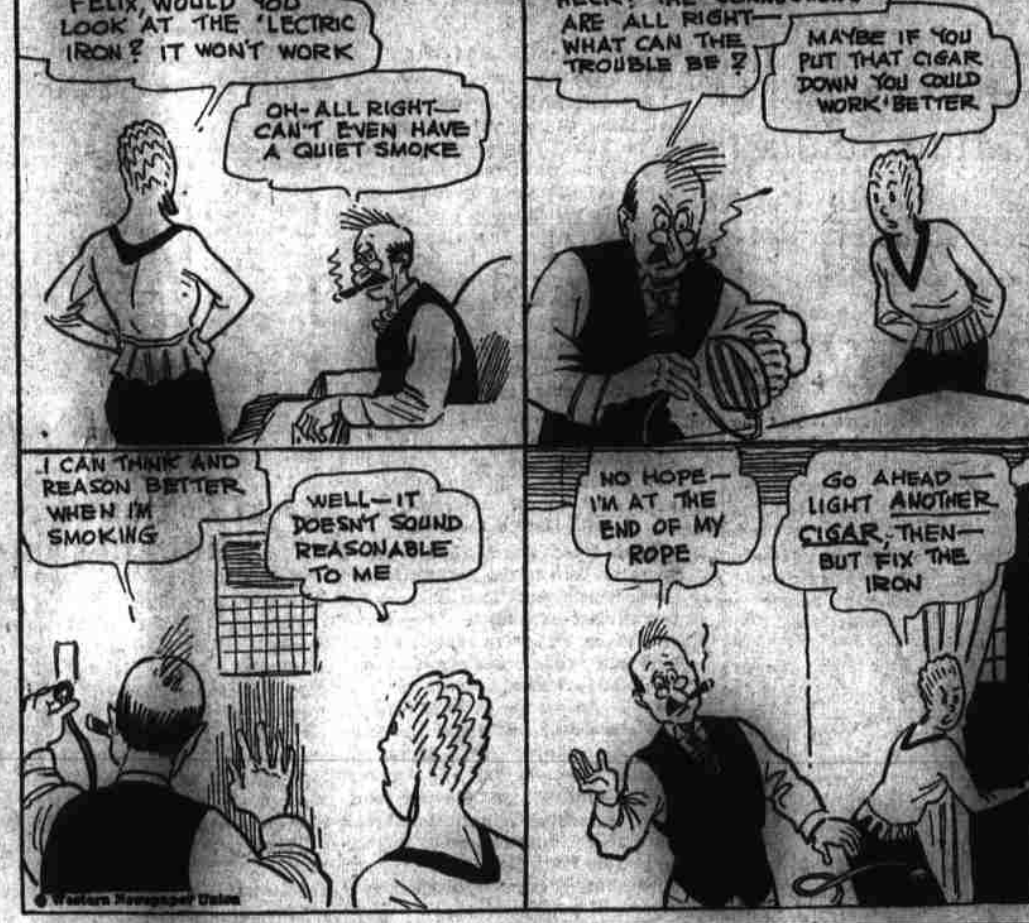
To create a rural atmosphere for the benefit of city children, the New York park department has built the "travelling barnyard" shown above. It is mounted on a truck and visits the various parks and play grounds, attracting crowds of little ones who never before have heard a chicken cluck or felt the soft nose of a calf.

# OUR COMIC SECTION

## Events in the Lives of Little Men



## THE FEATHERHEADS



## FINNEY OF THE FORCE



**No Linguist**  
"Do you know any foreign languages?"  
"No," answered Senator Sorghum, "and I'm glad of it. I can at least postpone the check by waiting to have the bad news translated for me."

**Alibi**  
Housewife—What do you want? Tramp—I'm the official tester for the Women's Testing League and I'm making a coast-to-coast survey testing the favorite recipe of the most prominent woman in each town.

**Discipline**  
"What's the idea of sending Mean Bill to the legislature?"  
"Bill was gettin' kind of extravagant," said Cactus Joe. "The legislature don't pay big wages and we wanted to teach Bill some lessons in economy."

Sites Considered for Capitol  
Sites considered for the Capitol after the District of Columbia was decided upon as the seat of the federal government were Shoups Hill in Alexandria, Va., now the site of the Masonic Memorial and Justice Heights, now known as Capitol Hill, which was the favored spot.

**The Charing Cross District**  
The district of Charing Cross in London occupies the site of the ancient village of Cherring, where in 1591 a Gothic cross was erected by Edward I to mark the spot where the bear of his wife, Eleanor, had been set down on its journey to Westminster abbey.

**Cause of Beriberi**  
A diet consisting principally of polished rice, that is, rice without the outer husk, is the cause of beriberi. It is the husk containing the rice kernel which contains the necessary vitamins, and before the polishing of rice the disease was unknown.

**Ferrets Very Shy**  
Parrots, generally considered one of the boldest birds, are in reality very shy, according to Dan Hartman, curator of Boston zoo. Hartman said parrots whistle and talk much better before small audiences.

**Spread of Algebra Tree**  
The algebra tree, first introduced to Hawaii in 1837, now covers about 80,000 acres of semi-arid land in the islands. The trees produce a quantity of cattle food and harbor most of the bees.

**Hold 'Em, Boy!**  
"Most folks desire to do do right thing," said Uncle Eben. "Dar ain't so much need of reformin' men as dar is of trying to keep 'em from backslidin'."

**Lake Seams on Fire**  
Phosphorescent properties in the Lake of Fire in Nassau cause the lake to seem on fire. The darker the night the more brilliant the flame.

**Times Lightning Flash**  
Special photographs taken by a British scientist show that after a flash of lightning the air remains illuminated for 1-2000th of a second.

**Have U. S. Representatives**  
The Hawaiian Islands and Alaska being territories of the United States, have each a territorial representative in the house of representatives.

**Jerusalem Rebuilt on Ruins**  
Jerusalem has been so frequently rebuilt upon ruins that today its foundations are 125 feet higher than they were 1,900 years ago.

**There You Are**  
"Some humans is stubborn as mules," said Uncle Eben, "but I neber yet seed a mule dat could be as stubborn as some humans."

**EXPLAINING IT**  
"Yes, it is really remarkable," observed mother at the head of the table. "Clifford seems to eat twice as much chicken when we have visitors."  
"Indeed!" exclaimed the lady visitor. "And, pray, why in that, Clifford?"  
"Cause that's the only time we have it!" replied the truthful lad.

**And One Is "Stung"**  
Mr. and Mrs. Barnes had been discussing an arrangement which implied the exercise of the "give and take" theory.  
"You know," declared Mr. Barnes, "that it always takes two to make a bargain."  
"Yes," returned Mrs. Barnes, "but only one of them gets it."

**Many Like Him**  
George—I always do my hardest work before breakfast.  
Fred—What's that?  
George—Getting up.

**Counting Them Up**  
Miss Peri—There are 300 reasons why I won't marry you.  
Mr. Oldboy—Name them.  
Miss Peri—Fifty years and 280 pounds.