Science Helps Army's Criminal Sleuths **Protect Innocent from Unjust Accusations**

n tip the scales.

'We get the same sense of that a bullet was fired from a parachievement out of proving inno- ticular gun." cence as guilt," says Major Leonard Bell, Torrence, Calif., laboratory

"We don't even want to know de



LOTS OF "PLUCK"—Cathy McCariney, 4, of Des Plaines, III., plucks a tune on a huge banjo at a music industry trade show in Chicago, where news of national revival of interest in the banjo made sweet music to the instrument makers' ears.

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CAMP GORDON, Ga. - The tails of a case we are working on in the United States-others are Criminal Investigation Laboratory Unconsciously, our testimony as located in Germany and Jap of the Provost Marshal General expert witnesses in court might be go about their daily business. Center here is a neutral zone of colored if we knew more than that where only scientific fact a piece of glass could not have come from a certain headlight or

> The laboratory, which serves Army installations and soldier-defendants all over the United States. receives approximately 70 cases a month, which are divided among five sections, according to type: chemical, photographic, firearms, documents, and fingerprints.

Each section has its stories of achievement; many of these, hap pily, illustrate how science can repudiate the most damning circumstantial evidence and set free an instantial evidence and set free an instan

came up with an idea: he insisted be-in test-tubes, retorts and ultrathat a sample of the air from the violent light. tower be sent here for testing.

Technicians in the chemical section bubbled the air through a search. By any standards—human test solution and came up with evidence that acquitted the soldier.

The air sample was filled with fumes that would cause drowsiness and eventually sleep—however strong the sense of duty prompting a soldier to wakefulness.

The firearms section, headed by Captain Richard F. Burns of Detroit, Mich., has known its share She had been there a long time. of drama. Recently, a soldier found more than a year. Far advanced in the vicinity when a taxicab driv-er was shot was held because he tors said. She was a very sick girl, was carrying a .45 caliber revolver and she wasn't getting better. But they are not satisfactory for that pork chops, beef roasts and lamb purpose. This is true when they patties?" body was from such a weapon.

The slug from the body and the soldier's revolver were both sent to al work had been done on guinea doubly true after milk has been the firearms section. However, a pigs. Now they were ready to try in the container, for then there is bullet fired from the revolver was it on human beings. Patsy was to so dissimilar from the lethal one that the laboratory technicians were able to give evidence that reed the soldier.

The laboratory chief himself had part in another firearms case. Bell, who worked for 17 years

n the Akron, O., police department before becoming an Army MP, was instrumental in having a murder charge changed to the lesser one of homicide.

The soldier had fired a weapon

and killed the victim who was in a small building. The prosecution claimed the suspect had fired from within the building and deliberate-

Bell inspected the hole made by the ricochet of the bullet. The direction the fibers of wood had been bent indicated a line of fire that would have had its source out of the building; from that point it would have been impossible for the suspect to see the person he

Bell's evidence was accepted and the murder charge was dropped. So the 17 men in the only Army criminal investigation laboratory



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Wm. R. LOFTIN, Mgr.

Chief Warrant Officer George R.

located in Germany and Japan-

Bird of Augusta, Ga., head of the documents section, examines such questioned papers as checks, notes and birth certificates, using vari-ous types of magnifiers to sort out

MSgt. Roy C. Fite, Elizabethtown Ky., and S1c Stirling N. Davis, Hilton Village, Va., are the laboratory's fingerprint experts. This sec-tion is responsible also for making molds of fingerprints, tire-marks, broken glass and similar objects

Take the case of a private who tion between the technicians here was caught sleeping on his guard-house tower post. His case seemed for the truth that sets men free hopeless until the defense counsel or convicts them, as the case may

Approximately \$200,000 worth of instruments help them as they

TEN YEARS AFTER

Patsy was in bed in the hospital streptomycin. Careful experiment- have been used for milk. It is be the first.

That was a little over 10 years ago. Now Patsy is married, the busy mother of three active children. When she goes out fishing or to a dance with her husband, she remembers that first shot of

Today, the drug, much improved, is still being given with success to TB patients. But it has been joined by other drugs such as PAS (paraaminosalicylic acid) and isoniazid which improve even more the TB patient's chances of getting well. Even though the treatment used on Patsy was inadequate by today's standards, the first of the antituberculosis drugs saved her life and went on to save

many others. In a scientific paper reporting on Patsy's story, the doctors who pioneered in streptomycin recalled that experiments to determine the effect of the drug on TB were still in progress when Patsy got her first shot. "However, the suppressive effect had appeared so striking among guinea pigs that everyone concerned, including the patient herself, was eager to try the drug when her condition indicated the need for just such

suppressive effect." Because of lack of knowledge about the drug and the extremely limited amount available, very small amounts were given at first. Later, dosage was increased. Two and a half years after her first dose of streptomycin Patsy left the hospital, her disease arrested. Regular check-ups have showed that she is keeping well in spite of a very active life.

The happy ending of Patsy's story has been duplicated tens of thousands of times in the short history of antituberculosis drugs.

FAILS TO CATCH BOY Louisville, Ky.— Mrs. Ilene Cook and her bother, Jimmy Payton, 18, were standing outside their apart-ment talking when a toy pistol fell at their feet. Looking up, they saw a child's legs dangling over the roof edge. Just then the child, William Nevitt, 22 months old, fell. Payton reached out to catch him, but the child slid through Payton's

arms and struck the concrete pave ment, seriously injuring him. SARASOTA



FLORIDA



PIPE THIS-Farmer prepares to lay plastic pipe with this automatic device on a plot of land near Franklin, Pa., where the laborsaving mechanism is manufactured. Disposable reels holding up to 600 feet of piping are attached to the machine, which is constructed for a three-point hitch, but which is adaptable to any farm tractor, according to the manufacturer. Operating at tractor speed, it is designed to uncover a trench, lay pipe 14 to 20 inches deep and back-fill after itself, at the rate of 100 feet per minute.



something new, a drug they called are clean and new before they frozen foods. It's not made out of food when it is stored at low temperatures. This carton is fine for fresh milk-convenient, inexpensive, easily disposable-so leave it to milk! It has no re-use value as Farm Briefs a food container and no value as a frozen food container. You ask: "Why isn't the milk

HEEDS DAD: TAKES \$32,000

New York - Although he is 55 years old, Gino Prato takes his father's advice. Prato, destined to receive \$32,000 on a radio-TV giveaway program, could have taken the chance of answering just one more question and, if answered correctly, received \$64,000, received a cable from his father in Italy, which advised: "Stop where you are. That's enough this way. Regards Daddy." So, Prato took a check for the \$32,000 he had won, saying. "Because I take my daddy's advice all my life, I accept.'

Miss Nita Orr, specialist in food ice cream carton, all right to use conservation, frozen food department, says milk cartons are for milk, not to freeze food in, and they are not satisfactory for that

The packaging expert gives answers such as: "Material used-for wrapping pork must be an oxygen in the container, for then there is no way to get it clean. It follows that even if it could be cleaned, it still would not be good to use for trozen foods. It's not made out of using containers and packaging macartons made for frozen foods have terials that will keep all the freshspecial treatment to protect the being frozen and throughout storage in the freezer locker.

Wage hikes in major industries uch as auto and steel will mean higher prices for farm machinery. Animals with pinkeye should be They need veterinary attention.

better than older ones. Feeds containing stilbestrol should not be fed to show steers.

There is now scientific evidence that vitamin D fed in large doses to cows in herds where accurate breeding dates have been kept may prevent milk fever.

Cows in herds that subscribe to the Dairy Herd Improvement Association testing service produce almost twice as much milk as the raises. average North Carolina cow.

TRIBUNE WANT ADS .

HELP WANTED

WANTED — First class Chevrolet mechanic. Apply at Hatcher-Smith Motor Company, Inc., Mount Olive.

WANTED—Supervisor for kinder garten and nursery school at colored community center. Apply in person to Y. H. Musgrave. tfc

LOST & FOUND

STOLEN FROM beside Skipper's Grocery Friday p.m., a boy's red and white Western Flyer bicycle with basket. Anyone having information concerning this bicycle is asked to contact H. J. Skipper. 9-2p FOR RENT

FOR RENT — Apartment, 208 W.
College Street. Four rooms and
bath. Water heater, wired for
range. Private entrance. See Jack

FOR RENT — two-bedroom house. See Paul Garrison at W. R. Jennette Furniture Co., Mount Olive. FOR RENT — Downstairs apartment on N. Center street. See or phone F. E. Byrd, 2347. tfc FOR RENT — 4-Room apt. on E. James St. See or call Faison E. Byrd, Dial 2347.

WANTED

WANTED TO BUY — Ferm and timberland, preferably in Wayne County. Contact J. A. Best, 312 E. Pollock St., Mount Olive, or phone 2448, Clinton. 9-16p

BUSINESS SERVICE TYPEWRITER-ADDING machine repaired, New Royal typewriters for every need. Call Goldsboro 251, Worley Typewriter Exchange, 105½ N. Center Street. TF-c

RODAK FILMS — Developed be per print. Mail orders accepted. Portraits made, copies made from old photographs. Kraft's Studio, near post office, Mount Olive. tfc ROOF LEAKING? — Or electrical appliances need painting? Then see Ray Howard, Mount Olive, for prompt, reasonably-priced service.

FOR HOME — or business wiring of all types, or appliance repairs, contact Jackson Electric Co., dial 2381, 211 W. John Street. Licensed

picture! We service what we sell and others too! Sutton Electric Co., Mount Olive.

MISCELLANEOUS

F. DANCING CLASSES being formed for tap, ballet (age 3 years and up) and ballroom (8 years and up). School will begin September 19. Call Josie Graves, 2220. 9-15c UNBREAKABLE CRYSTALS—put in while you wait. Guaranteed watch and jewelry repairs. Daughtry Jewel Box, Center street, Mount Olive. tfc LOOK! - Need Money? We loan

\$10 to \$100 on your furniture, appliances or automobile. Our serv ice supervised by N. C. State Banking Commission. Fidelity Finance Co., Goldsboro, phone 4500, 122 N. John street.

FOR SALE

BOYS WEAR-from infant to 16 year sizes, in complete selections are carried by Ethel's Shoppes in Mount Olive and Faison. Remember this, mothers, when you shop for back-to-school clothes. 8-30c FOR SALE—New Abruzzi seed rye, 96 per cent germination, 99 per cent pure. Grown on our own farms. R. B. Warren, Mount Ol-

ranges and refrigerators. Tradeins on new GE appliances. All in excelent condition, and priced just right. See us today. Summerlin Electrical Service, Mount Olive. tfc

Riectrical Service, Mount Olive. tfc
WE ARE HANDLING — Baby
Chicks. Come see us. Prices
right. Ed Lewis, Mount Olive. tfc
COMPLETE — Selection of skirts
and sweaters for back-to-school
wear by girls of all ages now in
stock at Ethel's Shoppes, Mount
Olive and Faison.

8-30c FOR SALE—6, 7, 8, and 10-ff. creesoted posts. Large and small lots
of lumber treated. Any quantity
for sale. Newton Grove Creosoting
Co., Newton Grove, N. C. tfcc.

NEW FALL HATS—Are arriving daily at our store. Make your selection early and be ready for any occasion. Ethel's Shoppes, in Mount Olive and Faison. 8-30c FOR SALE — Black Hawk corn picker in excellent condition se Mount Olive FCX Service. 30c

ABOUT YOUR HOME By FRANCES DELL

Color is one of the most import ant considerations in decorating child's room. Bright, clear colors are preferred. It seems children are not inhibited about color as

Parents have made pink and blue popular for babies. However, if a baby is given a choice between pink or red he will choose red every time. It has long been known that primary colors appeal to youngsters.

The seven and eight-year-olds will have very definite ideas concerning colors. It is wise for parents to encourage these ideas. It is only natural that as they grow older, approaching high school and college, they will begin to like more sophisticated color combinations. These colors usually have a much grayer tone than their former choices.

When choosing furniture for the children's room try to find a ver-satile type that will be interchange-able and not limited to any one room. It should be able to continue its usefulness as the family grows. Beds that can later double as sofas are good. Be as practical as possible in

the choice of rugs and fabrics. The do-it-yourself ideas are perfect for a child's room. Pictures he can paint or a piece of furniture er article. However, market gardenhe can help build will encourage a child's individuality.

Frame some of the childs origi nal paints for the walls if the idea pleases him. Encourage him to ake an interest in decorating his room and it will follow that his pride in the room will cause him to take care of the furnishings.

The Farm Question Box

QUESTION: What precautions hould I take when friends want to visit my chicken houses? ANSWER: If visitors must come

n, be sure they wear rubber footwear and wash them clean of yard dirt before leaving. However, take as few people as possible into your poultry house.

vay to keep land from eroding? ANSWER: When it comes to holding the soil, controlling erosion. and checking run-off, a good sod solated in a cool, darkened barn. is hard to beat. Consider this when planning conservation practices to be carried out this fall. Young corn plants resist borers

> QUESTION: What does it cost to keep a "cull" chicken?

ANSWER: R. S. Dearstyne of the State college poultry science de-partment says that when birds better part of valor, jumped too. reach sexual maturity, the poultryman has about \$1.75 in each bird Since it's doubtful that he can net over \$1.00 each on his culls, he loses 75 cents on each cull he

Glendale, Calif.-Susan Ball, the beautiful actress who recently died of cancer, just a year after her marriage to Actor Richard Long, was buried in her wedding dress. Dr. Louis H. Evans, Presbyterian minister, who conducted the serv-

Highest Cotton Support Price In Nation Paid N.C. Farmers

The highest Commodity Credit | ification to the Raleigh Classing of Corporation cotton support prices fice. This unbiased grade and sta-in America are available to North ple report, coupled with use of Carolina's farmers due to their market news information, will then close proximity to mills, according enable the farmer to make the to W. Glenn Tussey, extension farm wisest marketing decision, to sell, management and marketing specialist.

Tussey emphasizes, however, that to receive the highest dollar for their cotton, farmers should exert every effort to harvest, handle, and gin quality cotton.

be submitted for government class- according to Tussey.

to hold, or to receive CCC support prices by securing a govern

The support price for the predominating N. C. grade and staple length (middling, 1 1/32 inches) is and gin quality cotton.

A sample from each bale should mont and 36.05 in Eastern Carolina,



strawberry bed. Either the crab- applied in a shallow furrow on grass is choking the plants out or dry weather is killing them. For that reason many of our home lizer on top of the plants in the gardeners are resorting to fall planting which I'll discuss in a latand high production and therefore must continue to practice spring planting and the development of a matted row bed.

You probably have observed that as soon as the spring crop was harvested the old plants began to send out many runners which produced runner plants which caught root in the soil along the row. In the heat of late summer not many runners are produced but in September and October the runner formation is heavy again. However, our scientists have found that runner plants rooted in early summer will produce about twice as many berries as plants rooted in the fall. For that reason you should make an effort to save the early runner plants and keep them growing.

During late August in the moun tains and during early September in the eastern part of the state is the proper time to apply ferti-QUESTION: What is the best lizer to strawberries. If you have

RATTLER IN JEEP ROUTS TWO

Portsmouth, Va.—Capt. John F. West and Capt. George N. Sanders were riding along the highway at 40-miles-per-hour clip when a rattlesnake reared its head between them. Saunders took one look and jumped-into a ditch, head first. West stuck it out a few moments The jeep jumped, too, into a ditch, but was unscathed. The snake slithered off into the grass.

This is the critical period for the | a narrow row the fertilizer can be each side of the row. If you have a wide matted row it will be necessary to apply some of the ferticenter of the row when the leaves are dry and then brush the fertilizer off the plants. The recom mended fertilizer application is 700 pounds of an 8-8-8 mixture per acre which is equivalent to about three quarts per 100 feet of row.



LONG TALE — Perhaps the largest trout ever caught in western Wisconsin is measured for story-telling purposes by Yale Naset, Sparta, Wis., city engineer, who landed the 34inch, 12-pound, 14-ounce German brown trout on a stream-

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