

NEW X-RAY HELD SAFER AND EASIER THAN OLDER TYPE

By Howard W. Baleslee
(Associated Press Science Editor)

NEW YORK—(AP) Rapid X-ray photography is attained in a new type of camera installed in the Neurological Institute here.

While the instrument is not portable, it breaks away from the former necessity of attaching the X-ray apparatus rigidly to high voltage overhead wires and from the jostling and turning of the patient underneath the roentgen beam to get the proper angle exposures.

Although the new camera weighs 500 pounds, it is mounted so that by the pressure of a little finger it can be swung about in any direction. It is claimed that radiographs can be made of it even by a patient in bed. A pilot light on a switchboard is the only indication that something different from usual photography is under way. The new apparatus is said to be especially valuable for children and nervous persons.

The essential difference in the machine is complete insulation of its high voltage parts in oil. This gets away from the necessity for any exposed overhead, high voltage wires. It is said to produce 100 per cent safety of insulation.

Oil insulation also overcomes another scientific obstacle in roentgenology. At high altitudes X-ray apparatus is used less usually employed at sea level is necessary. The oil immersed machine operates uniformly at all altitudes.

The camera was developed under the direction of J. B. Wanzel, vice president of the Victor X-Ray corporation.

Diamond Idol Utilizes Buick



Frank "Lefty" O'Doul, this season's National League hitting sensation, turned to this 1929 Buick phaeton for transportation during his recent sojourn on the Pacific Coast. "Lefty," hitting high in the 400 class with the Philadelphia Nationals, is a product of the Pacific Coast League.

The White Crosses of Ohio

Sensitive motorists whose feelings have been harrowed by the white crosses which Governor Donahy caused to be set up along the highways of Ohio, wherever there had been deaths due to accident on the road, have persuaded the new state highway director to place no more of the recording crosses. Not all automobile accidents are fatal, but a large number arouse a grief that is unbearable to the ones who are bereaved.

The defense of the crosses is that if they save only a few lives they have justified themselves despite the emotion of the passing automobilist. Our automobile killings continue. Year by year they have increased to a figure that would be no small army loss in any but an extraordinary war. The usually list is steadily before the public. And Syracuse knows that in 1929 we have already made a beginning on a record that shows no sign of a death lessening in comparison with the fatal years which have just passed.

There is a vast amount of grieving that is not due to the disconcerting sight of white crosses. It is a grieving of which the crosses are representative, a grieving for the victims for whom the crosses stand. A warning of their death is not something to make a traveler forget happy. But it may make him careful. (Syracuse N. Y.) Post.

Vesuvius Boils Again

WASHINGTON—(AP) Vesuvius, writhing again in geologic agony, is the one and only active volcano on the continent of Europe.

As a matter of fact, the mountain has been continually in eruption since 1643. The public, however, only hears of its violent spasms when its hot hands clutch the Italian countryside in a death grip, as when Pompeii was destroyed and Herculaneum entombed in mud August 24, 79 A. D.

Vesuvius is called the cabinet volcano because it is so small. It is only 2890 feet high, yet it is the most famous volcano in the world, the National Geographic society points out.

It is a cone within a cone. The ridge of the outer cone, known as Mount Somma, rises highest north and east of the present small peak that flurries its steam plume over Naples bay. Mount Somma's crater is the rim of the crater blown open when Pompeii and Herculaneum fell before the mud and lava.

For 1850 years the volcano has been filling up that pit. Still new lava flows must cross the Valley of Hell, the depression between the inner and outer craters, before they can rush down on the villages.

The last major eruption occurred in 1906, when lava buried Cass Bianca and Boscoreale. The latter is less than two miles from Pompeii.

Archaeologists working at Pompeii and Herculaneum live in constant fear that a new disaster will obliterate their labors. Street cars from twentieth century Naples now transport visitors in a few minutes to the heart of first century Pompeii. Excavation proceeds rapidly.

The old practice of conveying articles discovered to the Naples museum has been changed. Now every bottle, box of bread, picture, statue and poster is left in place. Walking down the Street of Abundance one sees electric posters, a dog gnawing stones with green pictures showing methods of making goods and the Fallicona Stephen's laundry.

One sealed jar on the polished marble floor contains a liquid—probably wine—1850 years old.

Flowers the Romans loved blossom again in the gardens of Pompeii's foremost citizens. A grapevine springs from the spot where the root of a grapevine was found under the ashes.

Herculaneum presents a larger problem, but also the hope of greater treasures. Pompeii was a Roman Boston or San Diego; Herculaneum, a Newport or Beverly Hills. At Pompeii they brought away the ashes; at Herculaneum archaeologists must cut away layers of solid rock. The mud poured down by Vesuvius solidified. To lay open Herculaneum the Italian government expects to spend \$1,000,000 over a period of ten years.

The ground can be prepared for wheat by digging or harrowing. The best sowing time for any locality can be determined fairly accurately by allowing a period of 12 weeks for growth before the first killing frost is expected.

Farm Pointers

(By U. S. Department of Agriculture)

The best time to cut oats is when it is in the hard dough stage. If cut before, the grain is not well filled, it shrivels in cutting and is light in weight. If allowed to become fully ripe before cutting, a considerable part of the crop shatters out and is lost in harvesting.

To get the most and best quality seed from a wheat crop, the harvesting should be done when about half the pods are black. If the first growth is allowed to seed, the stalks will be very tall and coarse and hard to handle. When the field has been grazed until the last of June or a hay crop has been taken, the second growth is less coarse and the seed ripens more evenly.

Faying hens need much during the summer months to keep up good egg production. Good results are obtained if they get about twice as much mash as scratch feed. It is a good plan to add five pounds of flaked meal to every 100 pounds of mash to help get the hens in good condition for molting. Mash is very desirable in the summer ration, and plenty of green feed should be available.

After the breeding season is over, a hen's feed should be reduced so that she keeps in good, thrifty condition. Only a small quantity of corn need be given him, the main feed being mixtures of shorts, oats or a little bran or meal, with the run of a good pasture.

Backheat is an excellent crop to save where corn or some other crop has failed to make a stand.

ADVERTISING IS NECESSARY IN MARKETING GAS

The experience of the General Petroleum corporation in marketing Violet Ray gasoline parallels the majority of modern marketing successes. Conditions today necessitate not only a good product backed by courteous service and clean business policies, but sufficient advertising to acquaint the public with the worth and value of the goods offered for sale," says A. J. Donnelly, assistant division manager for the corporation.

The General Petroleum corporation has found newspaper advertising a most effective medium for telling the public of the quality of Violet Ray gasoline and the courteous and thoughtful service of their 3000 independent dealers on the Pacific coast.

The tremendous success of Violet Ray gasoline is due to the quality of the product, the service of the independent dealer and the powerful force of the newspaper message.

The marketing success of Violet Ray gasoline has been so outstanding that no one can fail to recognize the three basic reasons why Violet Ray is used throughout the length and breadth of the coast: A good product, prompt and courteous service, plus newspaper advertising to acquaint the public truthfully with the merchandise offered for sale.

PHILIPPINE CRIME LOSES ITS HAVEN ON CHINA'S COAST

MANILA, P. I.—(AP)—Macao, that Portuguese colony on the coast of southern China, which for years has been a refuge for fugitives from justice from the Philippines, is no longer a haven.

In the past, criminals fleeing from the Philippines felt that they were safe if they reached Macao, but their sense of security was blasted recently when the Macao government granted the extradition of Joseph L. Wilson.

Wilson was convicted in Manila of having embezzled through forgery \$299,000 from the San Carlos Milling Company, a sugar concern. He fled from the islands while his case was being appealed. Like others before him, he headed for Macao.

Because of the circumstances the Philippine government decided to bring him back to justice. Much to Wilson's surprise, he was arrested in Macao and extradited a few weeks after his flight. Back in the Philippines, Wilson now faces a 21-year prison term, for his appeal was dismissed when he fled.

The insular department of justice estimates that there were at least eight and perhaps 14 others in Macao who are wanted here. Advice from the Portuguese consul said that they were leaving for fear they also would be extradited. It is thought that they will try to reach Russia, since it would be easy to extradite them from any of the countries of the Far East.

The Philippine government, in view of its limited income, has made little effort in the past to bring back escaped criminals, but now that the Wilson case has been decided in favor of the government the fiscals (prosecuting attorneys) are asking for a \$50,000 fund for that purpose.

CROSSED IN TINY BOAT TO GET WEDDING FUNDS

MIAMI, Fla.—(AP)—The reason Paul Muller, Berlin grocer, set out from Hamburg with an 18-foot boat and no experience to cross the Atlantic has been revealed. She is Agatha Gavinski, Muller's sweetheart.

Reaching here recently, Muller said he undertook the trip so that he might gain funds to wed Miss Gavinski. The German society of Miami is trying to arrange things so that Miss Gavinski will be in New York when Muller gets there in his small craft from Miami.

Muller made stops in England, France, Spain, Portugal, Morocco and the Canary Islands, and says he was treated kindly everywhere, but that in many places he was denied hospitality, but given no money. Hence many hungry days at sea since he set out July 9, 1928.

RENEWED CURTAIN WILL HONOR EDISON

ATLANTIC CITY.—(AP)—The design for the arch of light to span the famous boardwalk at Atlantic City this summer in honor of Thomas A. Edison and the fiftieth birthday of the incandescent lamp simulates a curtain.

The design is to hang high above the boardwalk between two 37-foot towers of light. It is suggestive of a broad band of lace, 60 feet wide. In its center is a medal, etched in light, worded to identify the event.

The arch will contain 75,000 jewels, which are reflectors each two inches in diameter, cut much like the style of diamonds. The design is by Walter D'Arcy Ryan, director of the illuminating engineering laboratory of the General Electric company.

\$40,000 for Quail Study
WASHINGTON—(AP)—For fifty years a group of prominent men have contributed more than \$40,000 for a thorough study by the biological survey of the quail, its habits, migrations, diseases, propagation and enemies.

FRUIT FLY FOUND TO BE INFESTING NEW AREA DAILY

By Frank I. Weller
(Associated Press Farm Editor)

WASHINGTON—(AP)—Federal officials working to check the Mediterranean fruit fly say new points of infestation are found daily in Florida.

The survey of agriculture has revised the quarantine to make it possible to regulate any new area immediately.

The revision provides, furthermore, that no host fruits or vegetables shipped from Florida into northern and northeastern states may be reshipped to territory in the south and west, where direct shipment from Florida already is prohibited.

That means no product from Florida, likely to carry the fly, can be shipped to New York or some other such state and then reshipped or otherwise transported to Alabama, Arizona, Arkansas, California, Georgia, Idaho, Louisiana, Mississippi, Nevada, New Mexico, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Washington and Porto Rico.

All of the main citrus area in the central section of Florida is infested from coast to coast, but infestation in the outer points still is in the incipient stage and probably the result of fruit being moved from the original points of infestation.

Twelve counties are known to have orchard infestation. They are Orange, Volusia, Seminole, Brevard, Lake, Duval, Marion, Ocala, Polk, Putnam, Sumter and Hillsborough.

Perhaps 75 per cent or more of the Florida citrus crop was ruined out before the fly was discovered, being shipped from the Orlando section, which is believed to be the original point of infestation. Fly-infested fruit has been found in markets in Texas, Arkansas, Georgia, Louisiana, North Carolina, Ohio and in New York City.

Orchard infestation is said to be confined to Florida. Officials deny any known infestation in Georgia, where the peach crop soon is to be harvested. Wherever the pest may appear, the government is ready, by virtue of its revised quarantine, to act immediately for its suppression.

All states in which the fly is of particular danger have entered into a vigorous campaign to ferret out all Florida fruit and destroy any found to be infested. They are clearing up dumps and other places where the larvae might be hiding to prevent local infestation.

Mail Tribune ads are read by 20,000 people every day.

FABULOUS GOLD TREASURE TEMPTS MIAMI TO DIG

MIAMI, Fla.—(AP)—A gold rush is in progress on a vacant lot in Miami where excavation machinery has been installed to dig for a fabulous amount of gold believed to have been buried 300 years ago.

Visiting the scene of the gold rush has become a favorite pastime here and hundreds have gone to the vacant lot to cast a skeptical eye on the operations.

G. B. Mobley, one of the men sponsoring the digging said he was working on a clue given him by a Spaniard who is supposed to have seen a chart describing the location of \$170,000,000 in gold nuggets, while on a visit to Mexico. Mobley says drills recently brought up flakes of iron, lead and gold.

Seven huge chests of gold are the goal of the diggers.

SELEK LIVESTOCK FOOD IN MANCURIAN GRASS

MANHATTAN, Kan.—(AP)—A new food for livestock may be found in a Chinese grass now the subject of postgraduate experiments at Kansas State Agricultural college.

Prof. A. E. Alford believes this grass, called Calamagrostis epiglottis, may become of economic importance to the farmer by establishing pastures on waste or unproductive lands. If it is found to be a good feed, it will be found in the central section of Florida is infested from coast to coast, but infestation in the outer points still is in the incipient stage and probably the result of fruit being moved from the original points of infestation.

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Auto Row Gossip

Thoughts of Medford folks are turning to vacation trips now that southern Oregon weather has appeared. As a result local automobile dealers are working overtime. Whether it's new or used, a car is as necessary these days as a straw hat.

John Adelsch, traveling auditor for the Howard automobile company, with headquarters at Portland, left here today after spending a week installing the new factory system of bookkeeping at the Scheerer motor company offices.

R. C. Craik, Field Representative for the Howard Automobile Company of Portland, Stopped in Medford Friday to Confer with Local Dealers before Continuing North on a Business Trip.

A sale of all cars on hand will be conducted by the Treichel Motor company beginning Monday, June 24. The clean-up sale is made necessary because of the fact that the company is compelled to vacate its present location at 20 North Holly street by July 1.

C. J. Walker, a representative of the International Truck company in the Roseburg territory, arrived in Medford yesterday, accompanied by Mrs. Walker and their daughter, Geraldine, to spend the week-end visiting local friends and relatives.

J. O. Pittman, wholesale representative for the J. K. Leander company, Portland, distributor of Studebaker cars, is in Medford transacting business with O. V. Myers, local dealer. He says A. C. Jenkins, the noted transportation driver, will be in Medford Monday, driving a Studebaker President 8 that recently made such a record at Atlantic City. J. K. Leander and Frank Brady, Portland branch manager, will be in Medford Monday to meet Mr. Jenkins.

RIO DE JANEIRO.—(AP)—One hundred monkeys were landed from Africa at Bahia to be used in the fight against yellow fever. In this city and in Sao Paulo the elephants are helping the educational campaign on the disease.

Texas exports are much in demand in Texas. 6,500,000 bushels of wheat have been shipped.

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