

Science Comes Up With Machines To See in Dark, Analyze Motors

By H. D. QUIGG
United Press Staff Correspondent
New York — (U.P.) — Vision, a quality that is supposed to be the property of statesmen, enabling them to stare at blank walls and see the future, now is being thrust upon all of us by science.

In hurtling succession, there have been announcements of three new peep machines that will enable:

1. Man to see in the dark.
2. Military commanders to see the battle without getting shot at.
3. Auto mechanics to peer into what ails your motor without performing exploratory surgery.

TV-Type Analyzer
The auto engine "trouble-spotter," an electronic device developed by the Allen B. Dumont Laboratories, is called a "TV-type engine analyzer." Its diagnosis of the troubles of a suffering engine appears in the form of patterns of light in a picture tube screen.

The battle viewer is a portable television camera and transmitter, developed by the Army engineering laboratory at Fort Monmouth, N. J., and nicknamed "Creepie-Peepie" by some Army devotee of flimsy whimsy. A scout with the transmitter on his back and the camera to his eye can serve a dual role: (1) deliver a panorama of battle back to the boss at the command post, and (2) give some legitimacy to that old Army cry of "Oh, my aching back."

Should Have Commercials
The TV transmitter on his back, complete with tiny antenna, will weigh 47 pounds, a backload to reckon with. The camera in his hands will weigh eight pounds. The picture he serves up to the general, back among the sandbags, will be weighted with action, and if the enemy is smart, commercials.

But by long odds the most intriguing new machine is the one that will put us on an even footing — or, more accurately, eyeing — with the owl and the alley cat. This gadget will enable man, at last, to see in deep dark. That is, it will enable those men who are able to pay \$9,500 per gadget.

Eva Does It
This device, nicknamed "Eva" because its proper name is "evaporograph," was developed by Bard Associates, Inc., of Cambridge, Mass. It works by pick-

ing up infra-red rays thrown off by all objects. You can use it either to view directly, or make a photographic record of, things that pass in the night.

The myriad uses of this new boon to mankind are apparent. Even errant husbands can bene-

Is That So?

The folklore of the earth is richly flavored with myth, legend and simple exaggeration—some of which quite often has a basis in truth. In fact, sometimes there is more truth than myth with the result that experts have been forced to retract positive assertions. One such has been bird hibernation. Despite the folklore of some southwestern



Indians, ornithologists declared the bird hibernation was pure nonsense. Then, within the past five years, some poorwills were found in profound, prolonged winter hibernation.

Now in my Fact vs. Fallacy column I stated some time ago that mother snakes do not swallow their young for protection and let them crawl out when the coast is clear. Although I still stand by my original statement, my faith has been shaken slightly. I have received literally dozens of letters from all parts of the world stating: "When I was a youngster . . ." "Grandfather saw . . ." "Our guide told us . . ." "My brother . . ." and stating that these witnesses saw the little ones crawl in and out again.

There is a remote chance that they are right. After all, anyone who states with positive assurance that animals always do thus and so simply doesn't know wild animal. (Tame ones either, for that matter.) But let's look at this popular belief. In the first place, it is well-entrenched: you will find in Spenser's Fairy Queens (1590-6) that a mythical benign dragon did just this.

fit. Arriving home late at night with a longing to sneak to bed without turning on the lights, they now can—for a mere \$9,500—navigate the blackness without stumbling on the stairs or knocking over a single piece of furniture. Science is wonderful.

9 More Senators File Protests on Dam Tax Writeoffs

By SEN. WAYNE MORSE
Washington, D. C.—(Special)—Nine more senators have filed with the Office of Defense Mobilization protests against the granting of quick tax write-off certificates to the Idaho Power company for its two dam project in the Hells Canyon stretch of the Snake river.

The additional objecting senators are Clinton Anderson (D.N. Mex.), Paul H. Douglas (D-Ill.), J. William Fulbright (D-Ark.), Theodore Frances Green (D-R.I.), Albert Gore (D-Tenn.), Robert S. Kerr (D-Akla.), William Langer (R-N.D.), Pat McNamara (D-Mich.), and Matthew N. Neely (D, W. Val.)

"Not in Public Interest"
In his letter, Senator Anderson, chairman of the Senate Subcommittee on reclamation and irrigation, said: "I have concluded that the granting of such certificates by your office will not be in the public interest."

Senator Douglas summarized the inadequacies of the company dams in comparison with the proposed high Hells Canyon dam and wrote:

"If maximum development of power resources is necessary for national defense, ODM should not allow its discretion and authority to be utilized to give a blessing in the nature of special tax advantages—in the name of defense—to a minimum power development. Whatever mistakes other agencies or departments may have made in this matter, these are no reason for ODM to abdicate the separate discretion and responsibility entrusted to it by law."

Tax Write-Offs
Senator Fulbright, chairman of the banking and currency committee which deals with defense production legislation, concentrated his comments on the defense purpose of the tax write-off program. He wrote to Director Fleming: "In your most recent annual report to the Joint Committee on Defense Production, you discussed this tax program as one of the financial incentives available to you to expand the nation's production capacity and supply to meet defense requirements. While you took the position that the extent of the financial incentive was not entirely clear, at least it clearly included the interest on the funds the government would have to borrow to replace the income taxes deferred by reason of the accelerated amortization."

"I understand that the Idaho Power Company took the position before the Federal Power Commission, when its application was pending there, that it was fully capable of carrying out its own financial arrangements at no cost to the taxpayers."

"I find it impossible to imagine your approving the company's request for a financial incentive, and financial assistance, to build these dams under such circumstances."

Cites "Inconsistency"
"Accepting your position that an increase in electric power capacity is needed for the national defense and security, I should have expected ODM would have supported the high dam on the ground that the greater increase in capacity would have provided greater assurance to the national security. Certainly, it is entirely inconsistent with the purpose of section 168, to provide a financial incentive to reduce the potential capacity."

"These factors appear to me to be so conclusive as to compel a flat denial of the applications."

Moscow Opens First Spring Fashion Show
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The dresses may be bought at GUM's. They ranged in price from 400 to 600 rubles (nominally from \$100 to \$150).

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Wage Earners' Rights in Oregon

CHILD LABOR RESTRICTIONS
All minors under 18 have the safeguards of Oregon's child labor laws. Some basic protections of these laws are those which prevent excessive work-time, hazardous work, and work in environments generally considered undesirable for youth. These are explained below.

Q. How many hours may my 16-year-old son work?
A. There are three maximums in work time for all minors in industrial employment. They are an 8-hour day, 44-hour week and a 6-day week. The only exception is on seasonal work in processing perishable farm products when a 10-hour day is permitted for minors over 16. Before employment, a minor must obtain a release from school if any work involves school hours.

Q. What kinds of work are regarded as too hazardous for minors?
A. The following are some occupations in which employment of a minor is prohibited under most circumstances. Check carefully before encouraging a minor to take work in any of these classifications:

1. Logging operations;
2. Sawmill operations;
3. Operation of motor vehicles;
4. On power-driven woodworking machines;
5. On power-driven metal-cutting machines;
6. Slaughtering and meat-packing;
7. Mining;
8. Elevator operator;
9. Manufacturing of explosives;
10. On power-driven bakery machines;
11. Work that exposes to radioactive substances;
12. Paper products machine operation.

Q. Are girls prohibited from doing any kinds of work?
A. Additional prohibitions on the employment of girls under 18 ban the jobs of car hop, house-to-house canvassing, and maid in hotel or motel. No minors, girls or boys, may be employed where draught beer is sold.

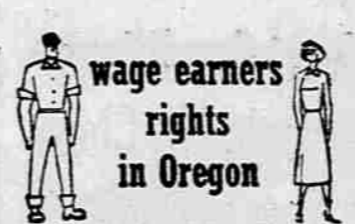
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Hangover Hero of Cartoon Film Showing What Happens When One Drinks Too Much

London—(U.P.)—A new film is coming out with a hangover as hero.

Yes, the thing you wake up with the morning after.

The producer of the film, a 10-minute cartoon, is the World Health Organization, which alleges it is neither for temperance or against drink but only interested in education.

"We don't say you should or shouldn't drink," said Mrs. Mary Mapes-Losey, head of the visual media unit. "We just say here is what happens when you do drink."

One Too Many
"Johnnie," presumably the average man, has had too much to drink when the film opens. "He ties one on," said Mrs. Mapes-Losey, who originally is from New York. "When he comes to he has a headache. He asks himself, 'What is alcohol anyway?' Various people give him half-baked answers, we give him unprejudiced facts."

These facts were approved for accuracy by Prof. Elvin M. Jellinek, 66, consultant to the WHO on the problems of alcoholism and was formerly director of the Yale University School of Alcohol Studies.

"Johnnie" discovers how he got his hangover, what happens to alcohol in the system, how it is oxidized in the liver, how it reaches the brain, how it may develop anaesthetic properties, exactly what causes drunkenness.

May Be Enjoyable
While this is going on audiences will also learn that in moderation drink is part of numerous social customs and usages—celebrations of births and marriages and so on—and that many find it enjoyable.

"We thought," said Mrs. Mapes-Losey, "it would be a good idea to replace the mythology of drink with some scientific facts."

The cartoon was drawn by former Hollywood cartoonist Phil Stapp and is being produced

Plans Announced for CD Radio Training

Plans for establishing a civil defense radio operation training program have been announced by Del Wright, amateur radio emergency corps member, and Dwight Albright, Jackson County Civil Defense Control center chief.

Training problems and plans for moving a radio tower from the fairgrounds to the new location of the control center at Camp White were discussed at a recent meeting.

The American Legion emergency group's transportation department will furnish a truck for moving the tower Sunday afternoon.

Persons interested in participating in the training program may contact Wright or Albright for additional information. The civil defense headquarters in Salem has furnished instruction manuals for the course. Les White, CD radio officer, is expected in Medford March 8 to meet with local officials.

Firm Hires Workers On Facial Character

Kumamoto, Japan — (U.P.) — A motor company advertised today for new employees with these qualifications: Pimples, round face, broad fingernails and a liking for tepid tea and lukewarm baths.

Company officials said a survey revealed that a round, generously-fleshed face guarantees a reliable character; pimples on the forehead indicate health and a cheerful disposition; broad nails and a liking for lukewarm tea and baths reflect generosity, diligence, endurance and broad-mindedness.

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- 5-year parts warranty on transmission.

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HERTZ RENT-A-CAR SYSTEM LICENSEE

Daily's U-Drive Medford Airport

Can you find the "guarantee" in this picture?

You buy a refrigerator only two or three times in your lifetime.

Yet you don't hesitate to buy one without getting so much as a look at the intricate "works" that makes it run.

How do you dare make such an important purchase without having an expert check it over for you? What makes you so sure you're getting your money's worth when you say, "I'll take that one?"

The answer's obvious. You look for the brand name on the refrigerator—your "guarantee." You've learned to follow this first rule of safe and sound buying:

A good brand is your best guarantee
No matter what kind of product you want to buy, you know a good brand won't let you down. You know the maker stands back of it—guarantees it. And so, when you buy a good brand you know you're right.

Read this newspaper to find out which are the good brands (and the stores that sell them). The more good brands you know, the surer you are about all your shopping.

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