

• New Machines and Gadgets •

☛ **CIGARETTE LIGHTER**, flashlight and fountain pen or pencil have all been assembled into a single tubing the size of an ordinary fountain pen. The pen is at one end, the lighter at the other. A small flashlight bulb in the center sends light through transparent sides to the paper on which the writing is being done.

Science News Letter, September 11, 1943

☛ **SAFETY RAZORS** may soon shave effectively in facial crevices and cavities. A new triangular-bladed device just patented reaches beard in inaccessible places, it is claimed, and does a better job on open places because it cuts diagonally.

Science News Letter, September 11, 1943

☛ **FISH LURES** of the future may consist of imitation minnow-sized rubber fishes with water and concealed fish-hooks inside. A poor fish grabs and swallows the patented rubber minnow, squeezes it inside himself and gets hooked.

Science News Letter, September 11, 1943

☛ **SEWING TWO** or more fabrics together without thread is possible by use of a strip of thermoplastic material along the seam. A nichrome wire replaces the needle of an ordinary sewing machine and a silver contact replaces the shuttle. They are connected by electric current, which makes contact when the needle descends. The fabrics are spot-welded where pierced by the heated wire. A patent for the process has been applied for.

Science News Letter, September 11, 1943

☛ **SIMPLE TRAINING** gunsights give student pilots the feel of real aerial fighting without leaving the ground. The sight consists of a 15-inch cylinder containing a light source, a photographic film of target rings, two inexpensive



lenses and an unsilvered mirror through which the pilot looks. The picture shows one of the sights trained on the moving image of a plane in the background. The new sight duplicates performance of a combat sight at a tenth the cost.

Science News Letter, September 11, 1943

☛ **SOUNDS WITHIN** the human body are coupled more closely to the ears of the physician by an improved acoustic stethoscope. Much more sensitive in its range of hearing than an ordinary stethoscope, the new instrument is claimed to introduce significant sounds formerly heard weakly if at all. By turning a knob the physician can adjust the hearing range at will.

Science News Letter, September 11, 1943

☛ **WHITE CONCRETE** floors are coming into wider use in war plants. Where much factory work has to be done on underside surfaces, such as on airplanes, some 60 per cent. more light is reflected than from gray cement floors, thus speeding up production and reducing accidents to workmen.

Science News Letter, September 11, 1943

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N. St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 173.

The milk of the camel, unlike that of most mammals, is rich in vitamin C.

WILDLIFE

Ammunition Now Available For Control of Predators

➤ **PREDATORY** animals that carry off poultry and young farm animals, and game birds that destroy crops when they become too numerous, face increasing danger this fall because the War Production Board has just allotted to farmers and ranchers a double portion of shotgun and rifle ammunition. It is a double-barreled war measure: crop and farm animal saving is important, and important also is the fact that much of the meat of predatory animals and game birds is edible if properly handled.

Recreation shooters will not benefit by the new allotment. Sportsmen hunters will have as much ammunition as they had last year, provided the farmers and ranchers leave enough for them after their needs are met.

Sport hunting is a desirable activity because it adds much food to the meat supply. Federal officials estimate that in 1942 hunters killed over 140,000,000 game and fowl units, providing approximately 250,000,000 pounds of edible meat if the kills were correctly dressed.

Science News Letter, September 11, 1943

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