

MEDICINE

Sulfathiazole Means of Mass Attack on Gonorrhea

SULFATHIAZOLE, one of the sulfa drugs, appears to be the means of an effective, broad-scale attack on gonorrhea, according to a study by Drs. J. F. Mahony, C. J. Van Slyke and R. R. Wolcott of the U. S. Public Health Service.

The Public Health Service physicians report on results of sulfathiazole treatment of 360 patients at U. S. Marine Hospital, Staten Island, N. Y. The gross rate of cure for the 360 patients was 85.4%. None of the patients was severely poisoned by the drug, and even mild symptoms were infrequent.

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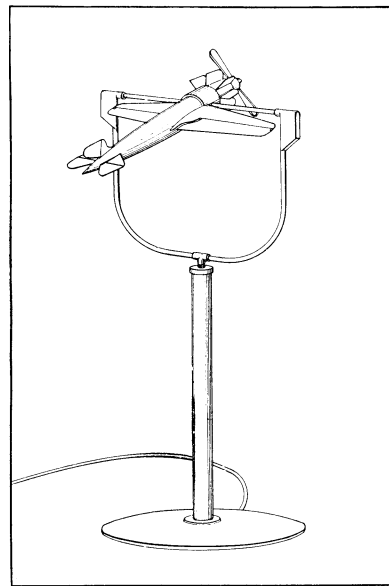
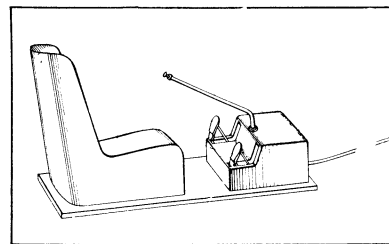
New Machines And Gadgets

Novel Things for Better Living

The amateur painter has a problem—how to keep his brushes during the long intervals between one little job and the next. For the professional who uses his brushes every day, the problem is not so acute. However, the problem has been solved by a handy flat can with a removable cover that has a hole in it that allows the brush handle to protrude. So far nothing unusual! But now comes the little trick that makes it something. A rubber collar pushed down the cover, prevents evaporation of the solvent and allows the brush to hang freely—a very important point in preserving a paint brush.

Permanent magnets are now made more strong and more lasting by a new process and a new material. The process consists in heating the magnet material and then allowing it to cool slowly in field of a powerful magnet. The material is composed of iron, nickel, aluminum and cobalt, with sometimes a small amount of copper. With these more powerful magnets, reductions in the size and weight of apparatus can be made.

This seat represents the pilot's place in an airplane. The learning aviator sits in it and manipulates the "stick" and the pedals before him and these, by means of electric impulses trans-



mitted through a cable, actuate the control surfaces of the model airplane shown in the lower cut. This model plane is so supported that it is free to turn in any direction. Wind from a fan blows against it so that it tilts or turns or noses up or down in response to the movements of the student aviator just as a real airplane would do under like circumstances. A patent has been awarded for this invention.

The photoelectric eye is accomplishing remarkable things these days. Perhaps one of the most remarkable is an arrangement in which an electric eye looks at a drawing or pattern, so to speak, and causes a pointer to follow the outline, just as a human being might do with aid of his own eyes and hand. A second pointer, actuated by the first through a pantograph, traces the same diagram or a larger or a smaller replica on another sheet. Or the second pointer may be replaced by a small blow torch which cuts the pattern out of some material.

A non-misplaceable blotter is an invention newly patented. You just can't misplace or lose it under a pile of papers, because it's right on top of your fountain pen. It is a little roll of absorbent material on top of the pen, and it fits inside the cap, so it cannot ink your pocket. When used up, it can be quickly replaced by a fresh roll.

Men, how would you like to light up your face just where you are about to

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