

warfare, in less than a generation we may find ourselves on the receiving end of atomic raids. If we seek to achieve our own security through supremacy in atomic warfare, we will find that in ten years the whole world is as adequately armed as we, and that the threat of imminent destruction will bring about a "preventive" war. If we recognize that our present leadership in atomic power can last at the most several years, and we attempt to dominate the world, we will find ourselves immediately involved in another and greater war in violation of our democratic moral code and with no assurance of victory.

In view of the disastrous nature of these alternatives, we must expend every effort to achieve international cooperation and control as the only real and possible long-term solution.

We strongly urge the people of the United States and their leaders to think about, and find a means for, the international control of atomic power. The United States must exert its leadership to promote world peace. The people of the United States, together with the peoples of the rest of the world, must demand that their leaders work together to find the means of effective international cooperation on atomic power. They must not fail. The alternatives lead to world suicide.

Science News Letter, October 20, 1945

MEDICINE

Artery-Cutting Operation Relieves Migraine Headache

► AN ARTERY-cutting operation that brings relief, apparently permanently, in one type of migraine headache is reported by Dr. Samuel B. Nadler, of Tulane University School of Medicine, in the *Journal of the American Medical Association*, (Sept. 29).

The particular headache comes in periodic attacks of throbbing pain, frequently "unbearable," over the right or left temple or both. The pain may radiate over a larger part of the head. Stomach and intestinal upsets often accompany the headache. Dizziness and the visual disturbances that come in some cases of migraine were not present with the headaches, Dr. Nadler reports.

Pressing with the fingers on the temporal artery on the side of the headache abolished the throbbing pain and most of the continuous dull ache that patients also suffered. Injecting a local anesthetic into the tissue around the artery brought relief, often within one minute, which lasted from several hours to several days.

More prolonged relief, two to 11 months so far, was achieved by the operation in which the artery was cut and tied. The operation was successful in five

of eight patients whom Dr. Nadler has seen with this type of headache during the past year. The other three had less frequent attacks and preferred to have the injections of local anesthetic instead of the operation.

Science News Letter, October 20, 1945

AERONAUTICS

Great Increase In Aviation Courses

► AMERICAN youth, long air-minded, has become increasingly so during the war, and additional millions of students of both sexes will be enrolled in high school and college aviation courses this fall.

Since last October more than \$38,000,000 worth of aircraft equipment has been turned over to non-profit schools in an Army Air Force project. Additional obsolete instruments, engines and complete planes will be available to schools in the next few months, through the Education Disposal Section of Reconstruction Finance Corporation.

An estimated 96% of American colleges and universities now recognize aeronautics as an elective science, and about half accept it as a laboratory science for entrance requirements.

The Civil Air Patrol, now a part of the Army Air Forces Training Command, with a membership of 80,000 cadets and 55,000 senior members, wing commands in each state, groups, squadron and flight units in more than 1,000 cities and towns, can adequately train students for flight personnel in postwar commercial aviation.

Science News Letter, October 20, 1945

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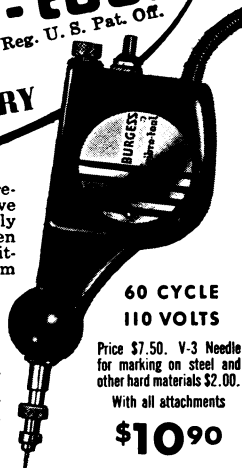
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