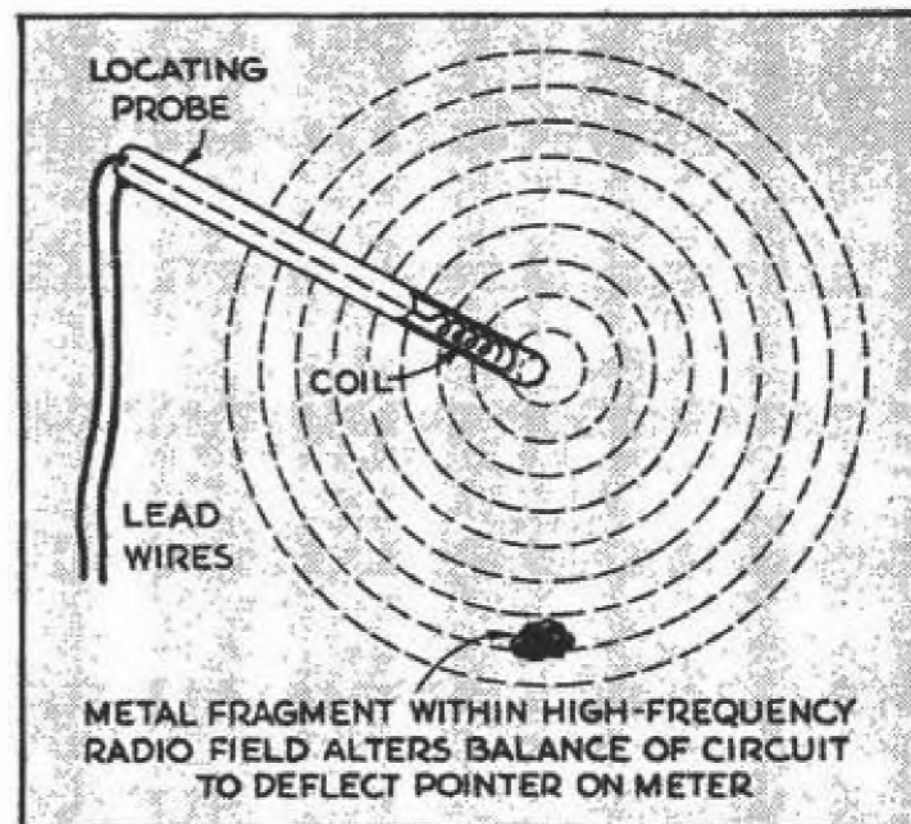
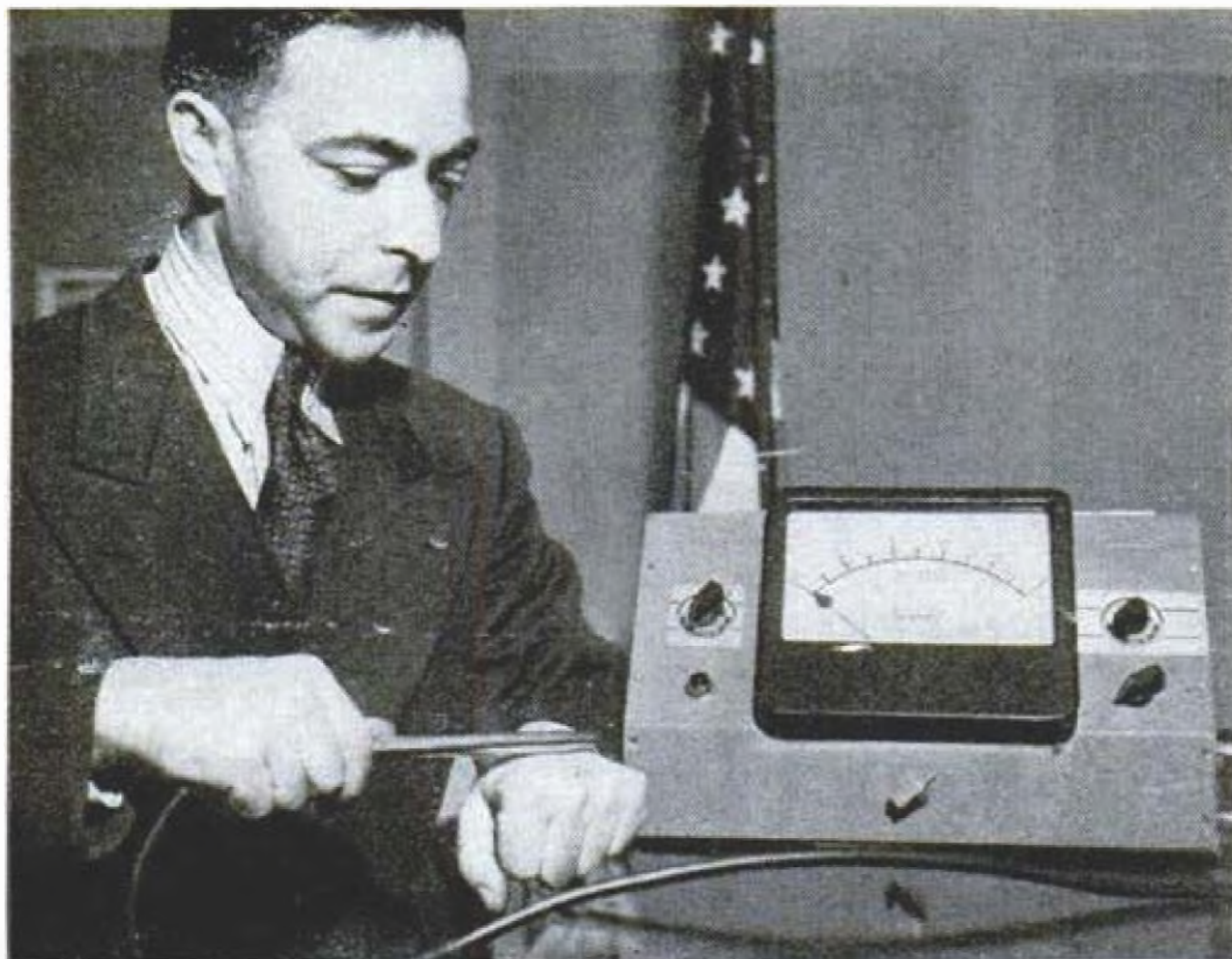


Radio Metal Locator Cuts Time in Treating War Wounds



Modern U. S. war surgery employs this radio finder to locate metal fragments and speed treating of wounds. Above, a diagram showing the device's principle

SIMILAR in principle to a radio "treasure finder," a new electric probe takes only a few moments to locate a metal fragment in the wound of a war casualty, eliminating loss of precious time in X-ray examination. When an exploring coil in a steel finger is passed over the body of a patient, a dial pointer swings over as it approaches the point beneath which the metal lies, its greatest deflection being at the spot nearest the fragment. Two readings from different an-

gles show the position and depth, permitting a surgeon to remove the metal in a fraction of the time formerly required. Given its first tryout in the Pearl Harbor raid that started the war with Japan, the instrument successfully located metal splinters in 20 cases and proved them absent in many others. Inexpensive to construct, it may find use not only in war areas but also as standard hospital equipment to perform similar service in peacetime surgery.