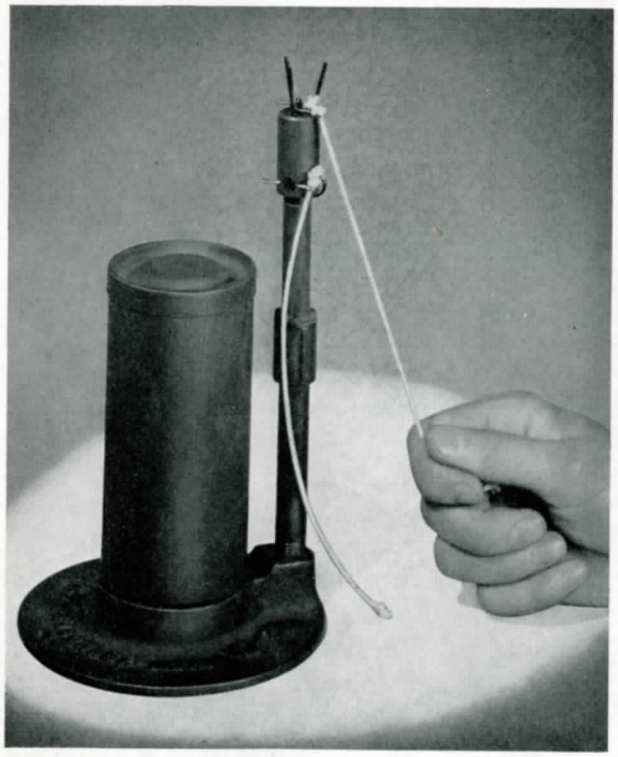
M6A1

THE G. I. CALLS IT A "JACK-IN-THE-BOX" —WE CALL IT "SUDDEN DEATH"

Pictured above is the action of an anti-personnel mine. This is just one of the many lethal devices developed by U. S. Army Ordnance experts to help our doughboys in their job of extermination. The fuse of this mine (see photo in lower right hand corner), like many shell fuses, is assembled with ZINC Alloy Die Castings.

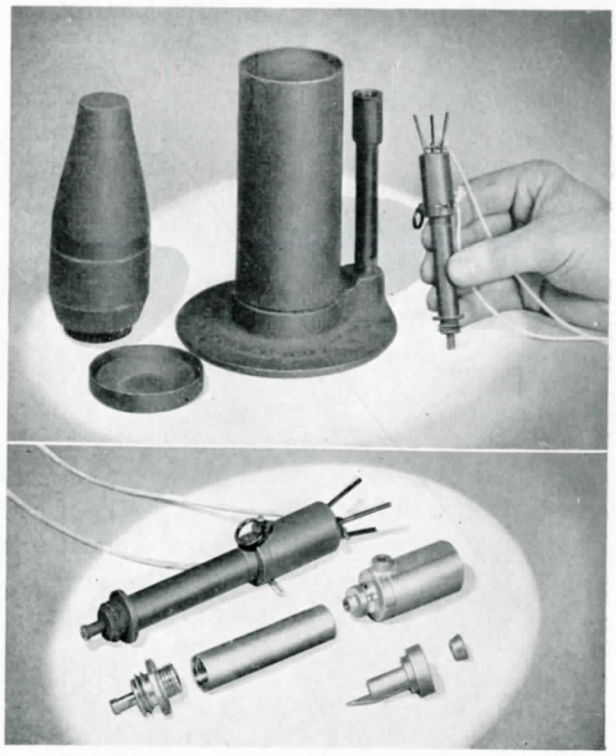
Actually, this is a combination land mine and booby trap, which accounts for the two cords shown in the photographs below. As a mine, it is detonated when any weight of over 15 pounds comes in contact with the prongs on the fuse which is buried just below ground level. The fired projectile explodes about ten feet above ground, showering jagged steel fragments over a considerable area. As a booby trap, the device is concealed and is rigged up to detonate by contact with any object to which the fuse cord is attached.

Speed of production is the principal reason why ZINC Alloy Die Castings were specified for the fuse assembly of this mine. The complexity of design possible with die castings has reduced the required number of parts to a minimum—thereby eliminating many time-consuming machining and assembling



The complete anti-personnel mine

M2



The mine and the fuse disassembled

M6, M7

New Jersey Zinc

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