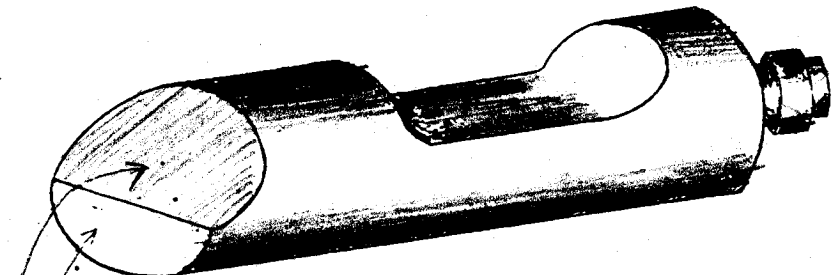


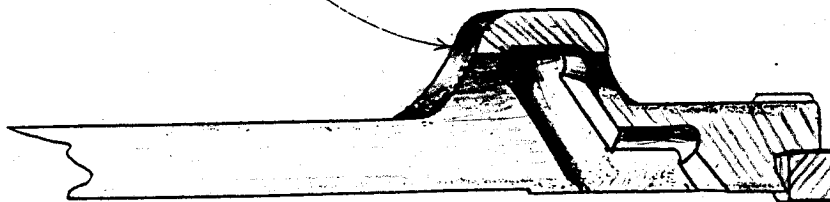
TWO PHYSICALLY UNRELATED COMPONENTS  
THAT WERE CLEVERLY DESIGNED TO  
"WORK TOGETHER" IN PRODUCING A  
DEFINITE EJECTION PATTERN OF THE  
SPENT CASES DURING FIRING OF THE  
STANDARD M1 RIFLE . . . . .



PRIMARY EJECTOR  
BRINGS FIRED CASE  
INTO POSITION -

holding surface and  
angle of take-off

striking surface



THE  
EJECTION PATTERN  
OF FLIGHT WILL BE  
PERFORMED BY  
EJECTION SURFACE  
OF OPERATING ROD  
HANDLE -

LAST ROUND CASE  
EJECTS WITH CLIP -  
WILL NEVER  
FOLLOW FLIGHT  
PATTERN -

A third and unseen factor- "timing" produces variants  
in ejection pattern; as general function of the rifle  
is governed by the power as determined by the O.D. of  
the piston and the I.D. of the gas cylinder at the  
power chamber.

ART TUTTLE