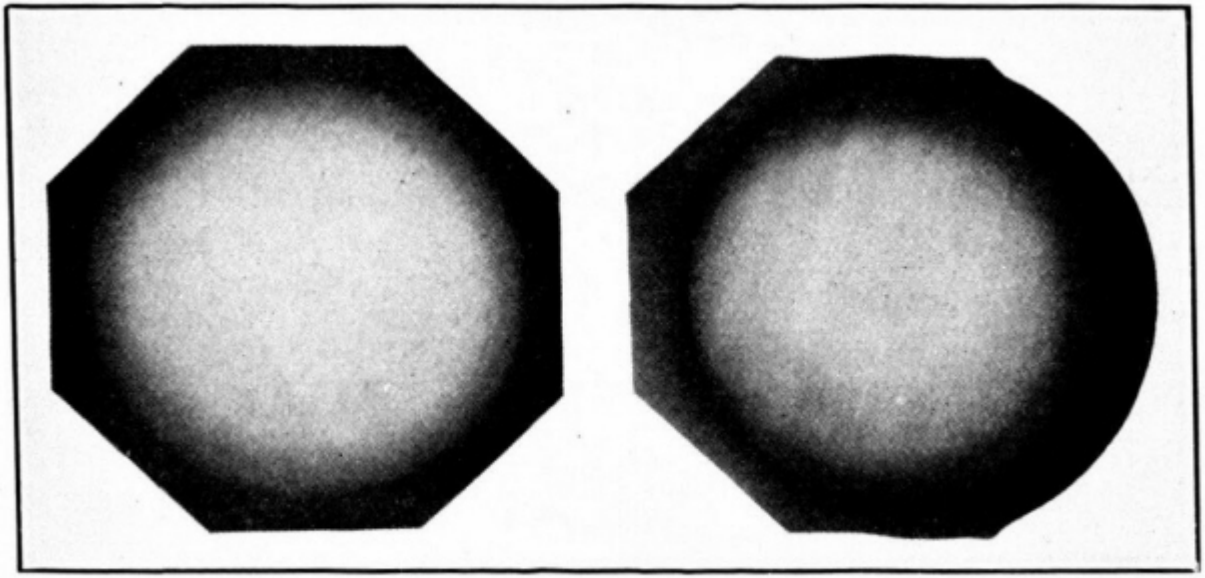

FIG. 111.—Screen appearance of a tumbler with the tube properly centered and not properly centered