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Directions for Using
THE
"Tikka"
Watch
Camera.

HOUGHTONS, LTD.,
Manufacturers and Patentees,
LONDON & GLASGOW.

IMPORTANT NOTES.

Always turn the handle one half-turn (*i.e.*, one click) to the right in changing the Film.

Don't expose facing sunlight.

Change Film directly after exposure.

Cover lens when setting shutter.

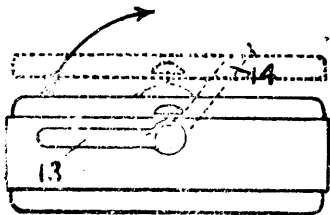
INSTRUCTIONS FOR LOADING
AND OPERATING THE ❀ ❀ ❀
"TICKA" WATCH CAMERA.

The "Ticka" Watch Camera is very easy to manipulate, but it is essential that the directions should be followed closely while experimenting with the Camera until the operator has a knowledge of the working parts. This knowledge of the "Ticka" may best be obtained by following the directions (*see* page 13) under heading of "Making the Exposure." While the Camera

is yet unloaded, the operator will thus become familiar with the mechanism, without the possibility of wasting film. It should be understood at the beginning that the "Ticka" is not intended or expected to do good work under conditions of bad light and careless handling. Even a high-priced Camera will not give good results under conditions of this sort, and what it is not fair to ask a £5 Camera to do, it would be unfair to ask the "Ticka" to do. Given fair treatment, under fair conditions, the "Ticka" will give absolutely perfect satisfaction.

LOADING THE "TICKA."

The film for the "Ticka" Camera is put up in a light-tight spool, and the Camera may therefore be loaded in daylight. **Care, however, should be exercised that loading is done in a subdued light and not in the glare of the sun.** First remove the back cover of the Camera with the monogram on it by turning the lever 13 (see Fig. 5) in the direction of the arrow until it is in the position shown



by the dotted lines
14, **then turn
the lever
back to its
first position**
and the cover will
lift off easily.

**Before placing the film spool in
the Camera, make sure that the**

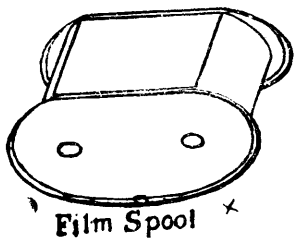
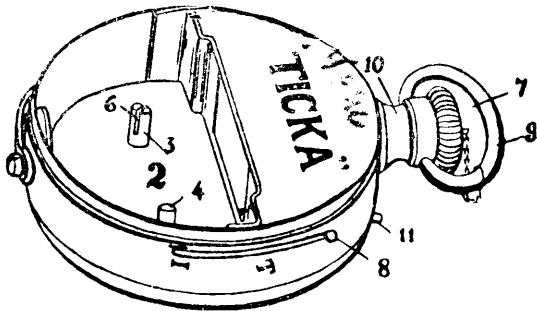


Fig. 2.



letter "S," meaning "stop," appears at the indicator window. Now insert the film spool with the side with the two openings underneath so that the studs or spindles 3 and 4 (Fig. 2) fit into the two holes on the bottom

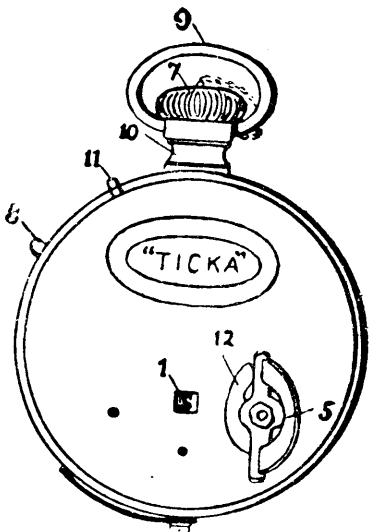


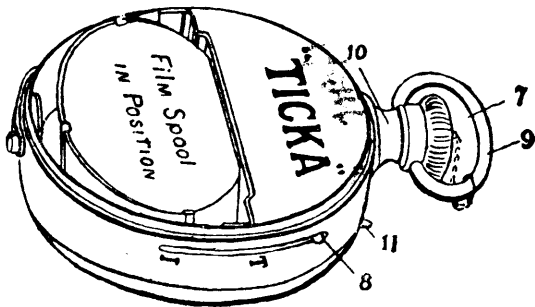
Fig. 3.

of the film spool. Should the film spool not fit easily over these studs or spindles, turn key 5 (Fig. 3) slowly round, while **pressing gently** on the top of the film spool, when the spool will drop easily into its place. **Never attempt to force the film spool into position. If it does not drop in easily, a little adjustment of the key will soon put matters right.**

Closing the "Ticka."

After the spool is in the proper position, as shown in (Fig. 4), put the cover back on the Camera carefully, seeing that the small lugs

Fig. 4



or projections on the cover fit exactly over the small lugs or projections on the case, pressing down tightly all round so that there might be no possibility of light being admitted to the Camera. **The opening lever must be turned back to its original position (marked 13, Fig. 5) before putting on the cover.**

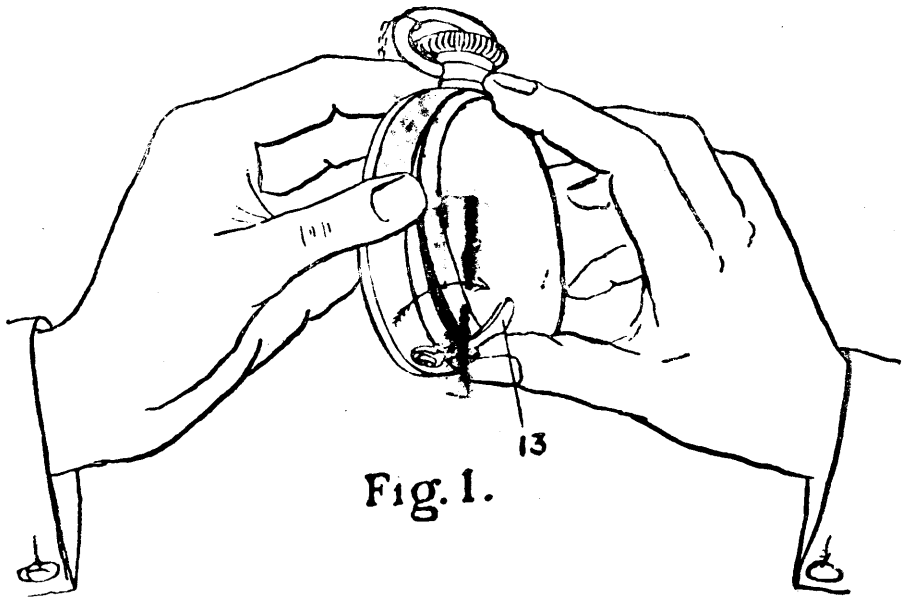


Fig. 1.

Preparing for Exposure.

When the back or cover of the Camera is fixed on securely, turn the key 5 eight half-revolutions **to the right** (giving eight clicks), when No. 1 will appear at the indicator window (Marked 1 on Fig. 3), when the film will be in position for taking the first picture. **After every exposure, one-half turn** (*i.e.*, **one click**) must be made. Note that the winding key should always be left in a perpendicular position, one arm always pointing to the top or stem side of the watch as shown in Fig. 3.

MAKING THE EXPOSURE.

The "Ticka," having a fixed focus, does not require focussing for each picture, consequently photographs may be taken of subjects at any distance over three feet away from the Camera.

Snap-Shots.—To secure the best results with the "Ticka," as with most other Cameras, snap-shots should only be taken **when the subject is in broad sunlight, with the sun just behind or at one side of the operator, never with the lens pointing directly towards the sun.**

Setting the Shutter.

Before setting the shutter, always see that the Cap. 7 (Fig. 3) is securely on, or the ball of finger pressed on the lens opening, then set the shutter by moving the catch 8 (Fig. 2) along the slot on the top of the Camera to the letter "I," which means "Instantaneous." Now lift off the cap, being careful **turn ring 9 (Fig, 2) to one side,** so that it will not obstruct the opening of the lens, which is in the stem 10; neither should the fingers or any part of the hand obstruct this opening.

Taking the Picture.

The shutter being set and the cap off as directed, point the stem which contains the lens at the object to be photographed, holding the Camera steady and level (**the Camera should not be tilted up or down**), press the button 11 whilst holding the Camera perfectly steady (Fig. 2), and the exposure is made. Always keep the "Ticka" in the soft leather case in which it is sold, or in the waistcoat pocket. **Be careful not to interfere with the free passage of the setting trigger, as it moves during the exposure.** Except when taking a

picture, be careful always to keep the cap on the stem, so that dust may be prevented from entering the lens opening, and accumulating on and clouding the lens.

Changing the Film.

After each snap-shot or exposure is made, turn the key 5 **one half-revolution until a click is heard**, made by the bar of the handle passing over the spring 12 (Fig. 3). **It is most important that you** should turn this key one half-revolution **immediately after each exposure.** By doing this you wind off the exposed film, and your Camera is always

ready for the next exposure. If you neglect to do this, you may sometimes make two exposures on one piece of film. No harm can come to the Camera by turning the key 5 more than one half-revolution after each exposure, except that a little more film is wound off and so wasted. Should this trifling error of wasting a section of film be made, **under no circumstances attempt to turn the key 5 in the reverse way, as the film cannot be turned back.** The numbers on the ratchet wheel showing at the indicator window read 1, 3, 5, 7, 9, etc., up to 25, the whole number of films in each

spool. **Note that, while every half-turn of the key changes a film, it is only recorded on the indicator after every second exposure or full revolution of the key.**

Time Exposure.—Place the Camera on a level, firm support, such as a table or something equally firm, and, if photographing an interior, do not point the lens at a window, or if this cannot be avoided, draw a curtain over any windows that come within the range of the Camera. Remove the cap and place the ball of the finger well over the lens opening, and open the shutter by moving the catch 8 along the slot on the side of the Camera to letter "T," then