

# THE SHIRLEY-WELLARD CASSETTE LOADER

PAT. APP. No. 26821

---

- ★ Film reloading greatly facilitated for users of Shirley-Wellard "Universal" by loading directly into the cassette with the aid of special spool lacer.
  - ★ Film surfaces protected against scratching during cassette loading.
  - ★ Finger printing risks eliminated when reloading cassette
  - ★ All preparatory operations carried out under normal room lighting.
  - ★ Maximum economy achieved by reloading Shirley-Wellard cassettes from bulk film.
  - ★ Darkness needed only for final operation of winding film into cassette.
  - ★ Colour film reloads receive the same scratch-free protection as black and white film.
  - ★ Loader may be set up as permanent fixture or stowed away after use.
- 

**Manufactured by :—**

**Shirley-Wellard Instrument Co. Ltd.**  
**20, Park Street, Croydon, Surrey.**

**Distributed by :—**

**Messrs. K. G. Corfield Ltd.,**  
**Merridale Street, Wolverhampton.**

## LOADER DESIGN.

THE SHIRLEY-WELLARD LOADER has been designed to enable users of Shirley-Wellard cassettes to load film from bulk, or from standard 35 m/m 36 exposure refills, and colour refills, directly into the cassette, thus obviating smudging and scratching due to mishandling ; a state of affairs all too prevalent with the old method of hand winding.

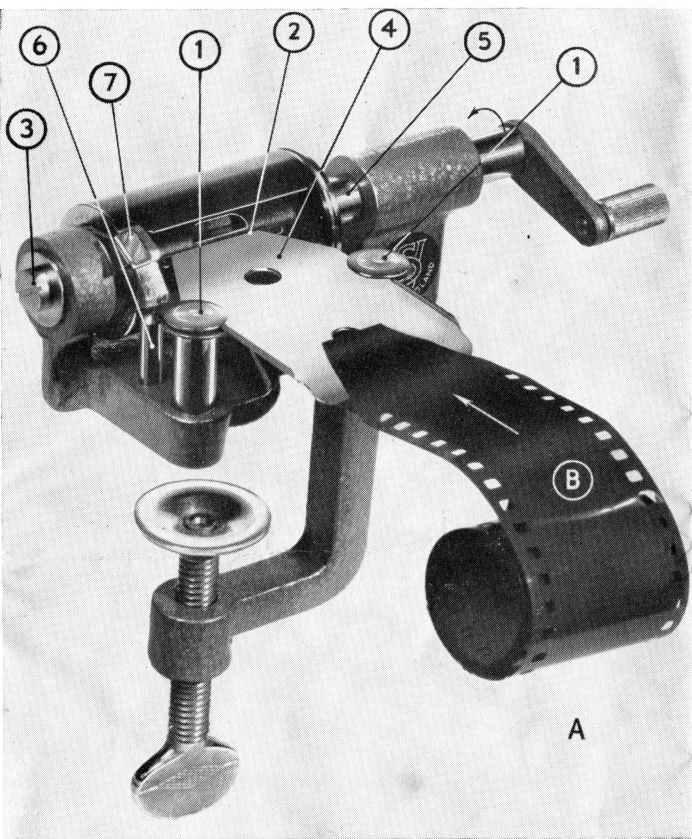
As the loader is set up in the light with the cassette fully assembled, it eliminates annoyances of lost spools and end-caps in the dark ; also with the aid of film lacer there is no more fumbling for the spool slot.

The spring tension device will not only ensure that the film is wound on with the correct tension but forestalls the film un-winding from the cassette, so leaving hands free. The hands can be taken away from the loader even half-way through the operation with confidence, which is helpful when loading bulk film, in as much as, after winding the required amount into the cassette, the remainder can be stowed away immediately, before it is forgotten, and the cassette closing completed afterwards.

The loader enables the filling of cassettes entirely without touching the film and when using bulk film, any number of frames can be loaded by reference to the chart.

## CHART

Number of Exposures required			Number of Turns required		
36	...	...	...	31	
24	...	...	...	24	
18	...	...	...	19	
10	...	...	...	13	



- 1. Spring loaded tension guide.
- 2. Mouth of spool.
- 3. Clamp screw.
- 4. Film Lacer.
- 5. Winder key.
- 6. Loader front stop.
- 7. Loader back lash stop.

## INSTRUCTIONS FOR USE:-

(a) After clamping the loader in a suitable position and fitting handle into winding position as in illustration (A) release loader backlash stop (7) by unscrewing the clamp screw at end of carrier. It will then be found that the adjustable stop is free. Put cassette into loader making sure that the lug is bearing on front stop of the loader (6). Adjust loader backlash stop to bear lightly on the cassette backlash stop which will have been adjusted to suit the camera in which it will be used. Tighten clamp screw (3). The loader is now ready for use.

(b) Open cassette by pushing in winder key (5) and turning it in an anti-clockwise direction. Insert film lacer (4) into guides, as in sketch A, through cassette window into the mouth of spool hub (2) pushing through until it reaches stop. The cassette is now ready for film loading which must be carried out in the dark. It is recommended that the user first practices the following instructions with waste film before proceeding with un-exposed film.

(c) Shape film as in illustration B (already cut when using refills), feed end into film lacer under spring loaded tension guides (1) keeping film in contact with lacer until it is felt to enter the spool aperture and reach stop. Now with the finger still pressing on top of the film, as near to the cassette as possible, slide film towards spool with finger till film is felt to pass under spool rollers. The film should now be firmly attached to spool, check that it is by lightly endeavouring to retract the shaped end from rollers. Now place right forefinger on film, as illustration C, overleaf and lift up film with left hand to form a curve, with film in this position remove forefinger and slide out the lacer from beneath the film and clear of loader guides. The lacer has a curved end to facilitate this operation and it can now be put on one side for next loading.

(d) Still keeping the film up to prevent buckling, as in illustration D, overleaf, the film may now be wound into the cassette, by turning the loader key in a clockwise direction without depressing, through film guides. It only being necessary for the operator to make sure film does not disappear into cassette by over-winding. About 4 inches should be left. If using bulk film it can now be cut and stowed away. The spring tension device will hold the film. The cassette can now be closed by pushing in the winding key to engage the cassette clutch and turning in a clockwise direction until stop is reached. Releasing key will lock the cassette. Switch on the light, shape end of film and fold back  $\frac{1}{2}$  inch to prevent it entering cassette, and remove cassette from loader.

**Illustration "C" shows the required position for film and fingers, prior to the withdrawal of the lacer.**

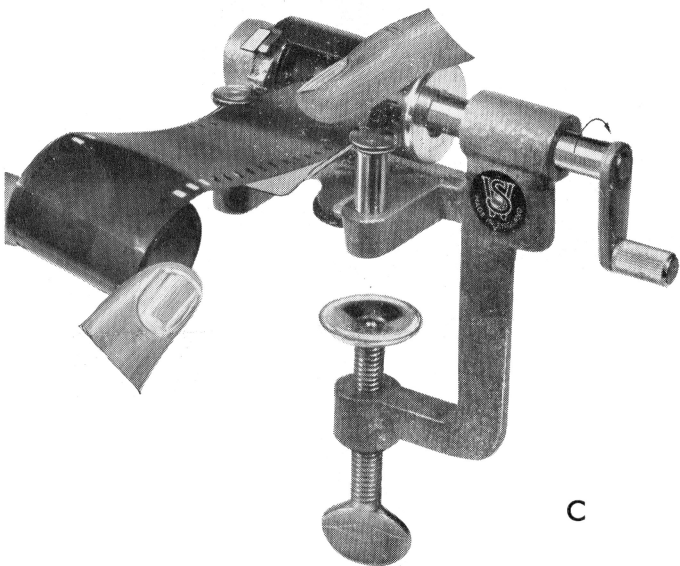


Illustration "D" is of the position for  
winding film into the  
**SHIRLEY-WELLARD CASSETTE**

