No. 642,746. Patented Feb. 6, 1900.

A. C. KLEY.

INKING PAD.

(Application filed Sept. 29, 1899.)

(No Model.)

Fig. 1.

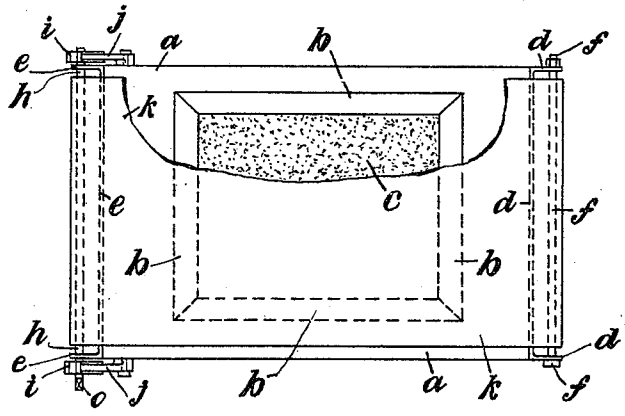
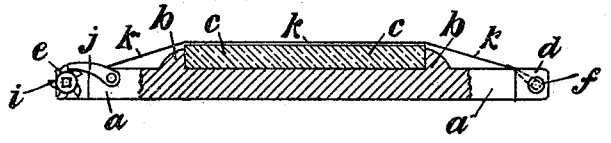


Fig. 2.



WITNESSES:
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UNITED STATES PATENT OFFICE.

AUGUSTUS CHRISTIAN KLEY, OF LIVERPOOL, ENGLAND.

INKING-PAD.

SPECIFICATION forming part of Letters Patent No. 642,746, dated February 6, 1900.

Application filed September 29, 1899. Serial No. 732,091. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS CHRISTIAN KLEY, a subject of the Queen of England, and a resident of Liverpool, England, have invented certain new and useful Improvements in Inking-Pads, of which the following is a specification.

This invention has reference to inking-pads, such as are used for applying ink to the surface of type-stamps, &c., used in hand-operating or marking apparatus and pressed onto the inking-pad by the hand and then applied to the surface to be marked or printed; and the object and effect of the present invention is, among other things, to provide an inking apparatus of this kind which will be more durable and cleanly and will last longer and also be capable of being cleaned or renewed and generally more effective and efficient.

The invention is illustrated in Figure 1 in plan, and side elevation in Fig. 2, which is partly in section.

According to this invention the base of the marker consists of a board *a*, having upon one side a raised frame *b*, curved on the outside, as shown. Within this frame the felt or other material *c* to be supplied or charged with the inking material is placed. At the two ends of the board *a* there are metal brackets *d* and *e*, respectively, one of which carries a simple pin or long bolt *f* and the other has a roller *h*, with a ratchet-wheel *i* at either end outside the bracket *e*, and a pawl *j*, hinged at either side of the board *a*, works in connection with and normally engages a tooth of these ratchet-wheels. Between the pin *f* and the roller *h* and passing over the pads *c* is a canvas or other textile strip *k*. One end may be a loop, through which the pin *f* passes, and the other is simply rolled up on the roller *h*, the rolling up being effected by a spanner or handle adapted to fit over the square projecting ends *o* of the roller *h*. By turning the roller *h* in one direction and tightening up this sheet over the pad *c* the sheet *k* will be held under tension thereon firmly and the marking fluid will rise up through the fabric, so that the marker or printing device used in connection with it will press onto the top and take up the ink. Of course when the sheet *k* is stretched the pawls *j*, engaging with the ratchet-wheels *i*, hold it under tension.

By these improvements it will be seen that the ink-carrrier proper is protected from the dust and dirt, and the pad can be recharged or renewed, while the upper sheet or fabric can also be cleaned readily and renewed. Consequently the apparatus remains in a good and serviceable state for a great length of time comparatively, and when its action does become at all inefficient it can be very readily put right.

What is claimed in respect of the herein-described invention is—

1. In combination, the frame or base having a raised lip, a pad held thereby, brackets *d* secured to the end edges of the frame, a pin held in one bracket, a roller held in the other bracket, a band on the pin and a pawl and ratchet for applying a tension to the band, substantially as described.

2. The inking-pad apparatus consisting of the carrier-base *a;* frame *b;* pad *c;* pin *f*, and roller *h*, with locking ratchet-wheels *i* and pawls *j;* and textile sheet *k* stretched between the pin *f* and roller *h*, said sheet being fixed to the pin *f;* particularly as shown and set forth.

In witness whereof I have hereunto set my hand in presence of two witnesses.

AUGUSTUS CHRISTIAN KLEY.

Witnesses:

JOHN HENDLEY WALKER,

JOHN WILLIAM BROWN.