

E. STEIGER.
INKING PAD.
APPLICATION FILED OCT. 6, 1911.

1,044,702.

Patented Nov. 19, 1912.

Fig. 1.

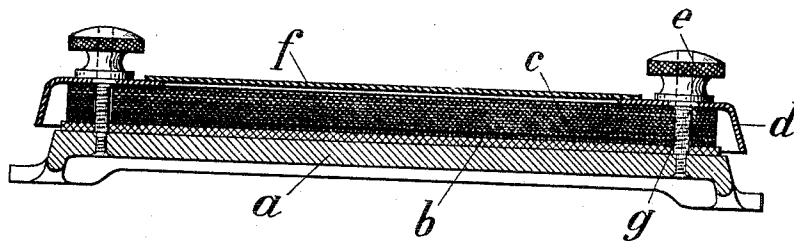


Fig. 2.

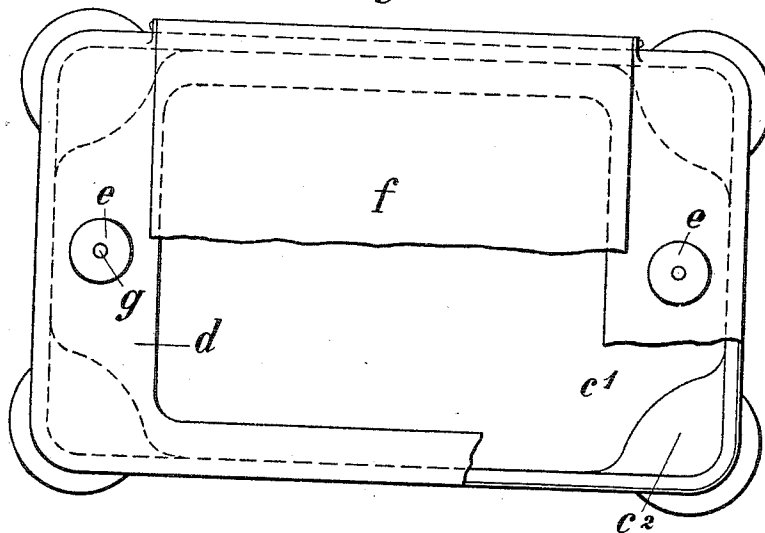
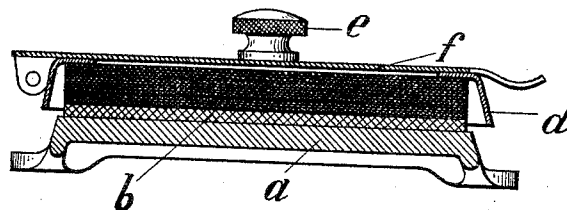


Fig. 3.



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UNITED STATES PATENT OFFICE.

EUGEN STEIGER, OF ZÜRICH, SWITZERLAND.

INKING-PAD.

1,044,702.

Specification of Letters Patent.

Patented Nov. 19, 1912.

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To all whom it may concern:

Be it known that I, EUGEN STEIGER, a citizen of the Swiss Republic, residing at Zürich, in Switzerland, have invented certain new and useful Improvements in Inking-Pads, of which the following is a specification.

A common disadvantage of ordinary inking pads lies in the fact that in order to prepare them for lasting use they must be so abundantly saturated with ink that while new they impart too much ink to the stamp, causing the latter to become clogged with ink, after a short time, and to give blurred impressions. Moreover, the ink is liable to gradually trickle downward, so that the inking surface becomes dry and requires to be reinked by hand, which usually results in some portions acquiring too much ink, and others too little. The non-renewable inking surface also becomes frayed in time, so that after a comparatively short period of use clean impressions are no longer obtainable.

The object of the present invention is to provide an inking pad which obviates these disadvantages.

The invention is illustrated in the accompanying drawing, in which—

Figure 1 is a longitudinal section of the pad, Fig. 2 a plan view, and Fig. 3 a cross-section.

In the drawing, *a* represents a bed-plate, on which there is a soft layer *b* of rubber, felt, cork or like material; on the latter lies the ink cushion *c*. This cushion consists of sheets of fabric *c*¹ saturated with ink and alternating with sheets *c*² of material which does not absorb the ink, for example oiled paper, metal foil or the like, the sheets *c*² being placed between the sheets *c*¹ so as to isolate the latter from each other. Over the ink cushion *c* there is a frame *d* which is pressed against the cushion by nuts *e*. The latter are screwed on to screws *g* fixed to the plate *a*, and are rotatably engaged with the frame *d* so that the frame can be raised and lowered by rotating the nuts. The screws *g* pass through holes in the ink cushion, and the sheets *c*¹ are cut away at the corners (see Fig. 2) to enable the intermediate sheets *c*² to be taken hold of, for the purpose

of removing the inked sheets, without touching the latter. The aperture of the frame can be closed by means of a cover *f*.

When, in the course of using the pad, the top ink-sheet of the ink cushion has become exhausted, the frame *d* is raised from the cushion *c* by loosening the nuts *e*, and the topmost sheet *c*¹, together with the intermediate sheet *c*² underneath it, is taken away, so as to expose a fresh, unused ink sheet. Then the frame *d* is pressed down again on the cushion, by means of the nuts *e*. When all the ink sheets are exhausted, a fresh supply thereof can be placed on the bed-plate.

The intermediate sheets *c*² prevent the evaporation of the ink and the downward percolation thereof. Sheets which have been impregnated by machinery can, therefore, always be used, having only so much ink as is required for the purpose of furnishing sharp impressions.

Other means than the frame illustrated may be used for holding down the sheets, for example wire yokes.

What I claim as my invention and desire to secure by Letters Patent of the United States is:—

1. An inking pad comprising a series of parallel inking sheets, non-absorbent sheets alternating with said inking sheets, a bed-plate supporting the pile of inking sheets and non-absorbent sheets, screws projecting upward from said bed-plate, a frame resting on the pile of sheets, and nuts rotatably engaged with said frame and said screws.

2. An inking pad comprising a base member, a plurality of layers of inking sheets supported by the said base member, and sheet of non-absorbent material intervening between each of the layers of inking sheets, said non-absorbent material having portions which project beyond the edges of the inking sheets.

In witness whereof I have signed this specification in the presence of two witnesses.

EUGEN STEIGER.

Witnesses:

FRITZ LAUSNER,
CARL GÜBLER.