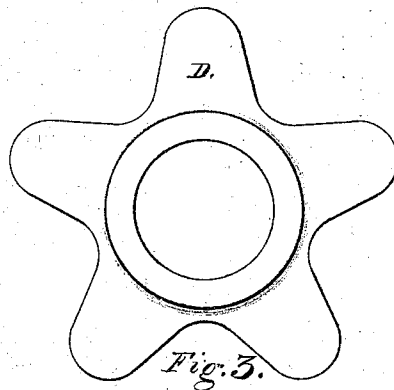
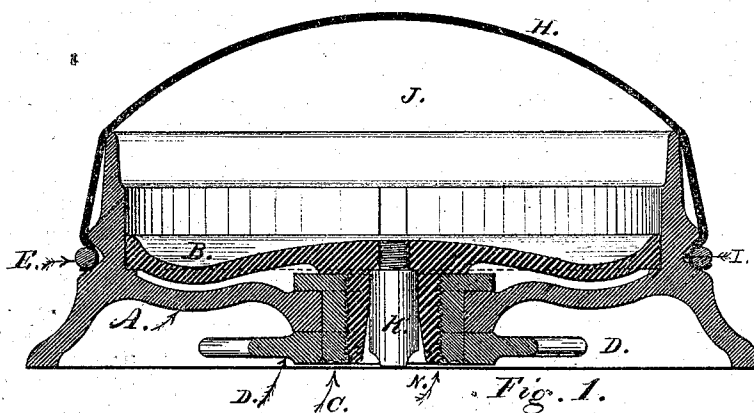
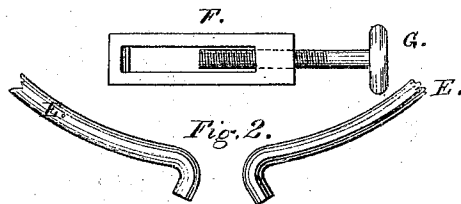


H. R. TOWNE & W. H. TAYLOR.

Ink-Pads.

No. 135,949.

Patented Feb. 18, 1873.



Attest;

Allan M. Richard
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Inventor;

Henry R. Towne.
W. H. Taylor

UNITED STATES PATENT OFFICE.

HENRY R. TOWNE AND WARREN H. TAYLOR, OF STAMFORD, CONNECTICUT;
SAID TAYLOR ASSIGNOR TO SAID TOWNE.

IMPROVEMENT IN INK-PADS.

Specification forming part of Letters Patent No. 135,949, dated February 18, 1873.

To all whom it may concern:

Be it known that we, HENRY R. TOWNE and WARREN H. TAYLOR, both of Stamford, in the county of Fairfield and State of Connecticut, have invented a new and useful form of Inking-Pad, for inking the surfaces of canceling, dating, and other stamps; and we do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawing making a part of this specification.

The object of our invention is to produce an inking-pad of strong and compact form, so arranged as to admit of the easy renewal of its perishable parts, and arranged more especially to admit of an easy and delicate adjustment of the amount of ink given off from its surface to the type.

The construction of our improved pad will be easily understood by reference to the annexed drawing, in which—

Figure I is a vertical transverse section of a complete pad. Fig. II is a plan and elevation of the clamping device. Fig. III is a plan of the adjusting-wheel.

Similar letters of reference indicate corresponding parts throughout.

A is the metal shell or case of the pad. B is the movable piston. C is the adjusting-nut. D is the adjusting-wheel. E is the clamping-wire. F is the clamp. G is the clamp-screw. H is the cover or inking-surface of cloth or leather. I is the groove to contain the clamp-wire E. J is the interior space, to be filled with the elastic stuffing. K is the filling-screw or stopper.

To prepare the pad for use, the space J is filled with wool or other elastic substance saturated with ink, and the cover H, of chamois, cloth, or other suitable material, is then stretched over it. The clamp-wire E is then forced down over the cover into the groove I formed for it in the case, the clamp F slipped over its ends, and the latter drawn tightly together by the screw G, thus securely fastening the cover H to the case A.

It will be readily understood that the amount of ink given off from the surface of

the cover H will depend largely upon the force with which the stuffing containing the ink (which fills the interior space J of the pad) is pressed against the under side of the cover; and this pressure may be regulated by moving the piston B up or down within the case, which is done by simply turning the adjusting-wheel D in the under side of the pad. The wheel D is securely attached to the nut C; the interior surface of the latter is threaded, and into it is screwed the stem of the piston B. The piston being prevented from turning by a suitable feather or key, it is evident that the revolution of the nut C, by means of the wheel D, will force the piston upward in the case, thus pressing the stuffing against the cover, while the revolution of the nut in the opposite direction will retract the piston and relax the pressure on the stuffing. In this manner, by properly adjusting the screw, the amount of ink given off by the pad may be regulated to a nicety.

Should the ink with which the elastic stuffing is saturated become exhausted, a fresh supply may be introduced by inverting the pad, removing the plug or stopper K in the bottom of the piston, and pouring ink into the interior of the pad through the opening thus made.

When the cover H is worn out it may be replaced by a fresh one.

When the ends of the wire E are drawn together by the clamp F, the material of the cover H is compressed between the wire E and the sides of the angular groove I in the case, thus holding the cover in the most secure manner.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination, in an inking-pad, of a case provided with a flexible cover, an adjustable piston, and an elastic stuffing.

2. The combination, in an inking-pad, of the case A, piston B, nut C, flexible cover H, and elastic stuffing filling the interior space J.

3. In an inking-pad, the combination of the

flexible cover H, the angular groove I, and the clamping-wire E, arranged substantially as and for the purposes described.

4. In combination with the subject-matter of the first claim, the induction-orifice closed by plug K.

5. The combination, in an inking-pad, of the several parts hereinbefore described—viz.,

the case A, piston B, nut C, flexible cover H, clamping-wire E, and elastic stuffing filling the space J.

HENRY R. TOWNE.
W. H. TAYLOR.

Witnesses:

A. W. RICHARDS,
E. T. GREENE.