

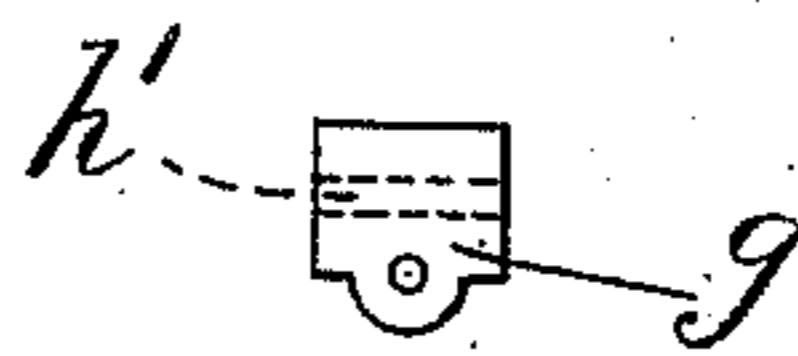
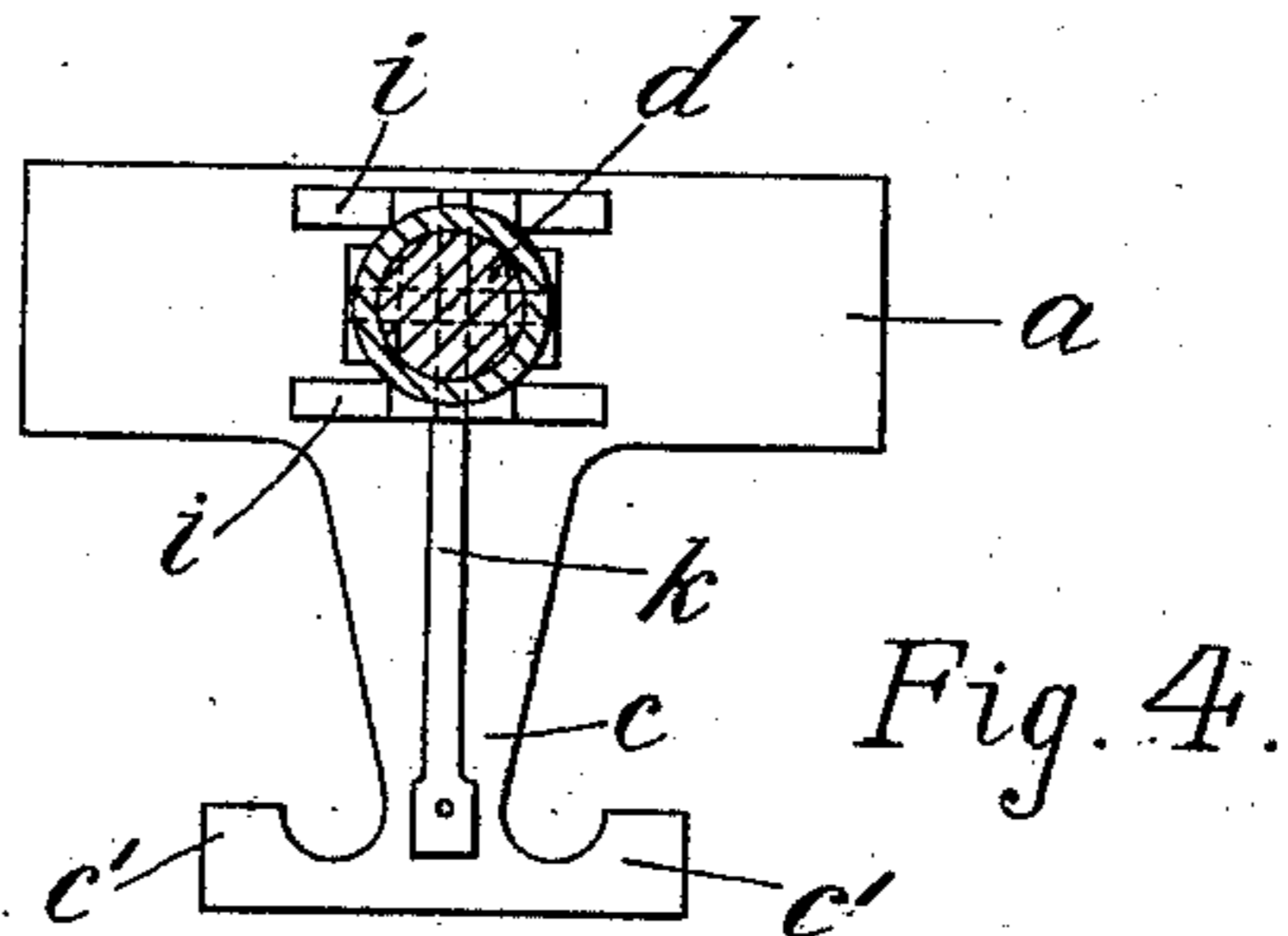
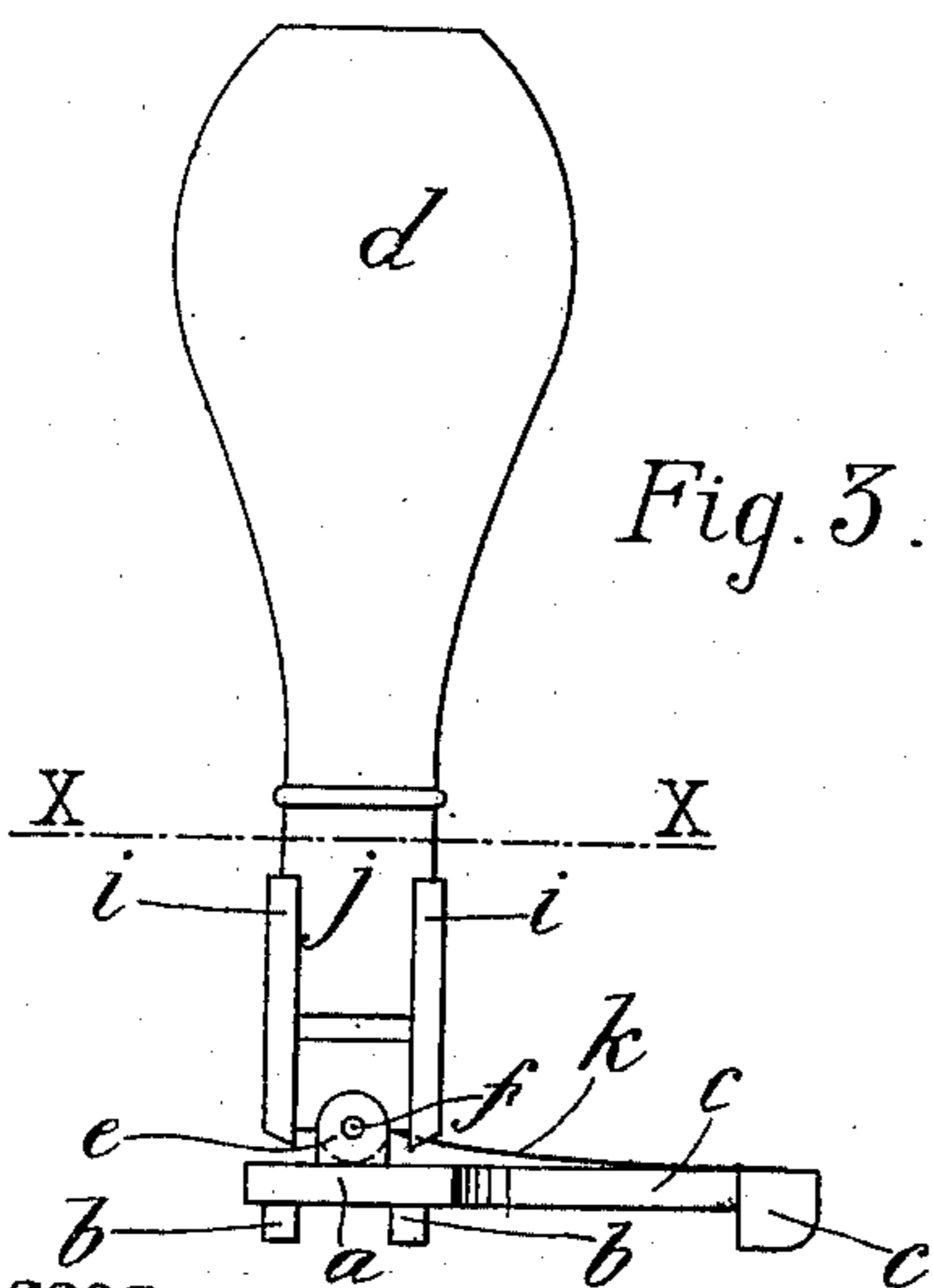
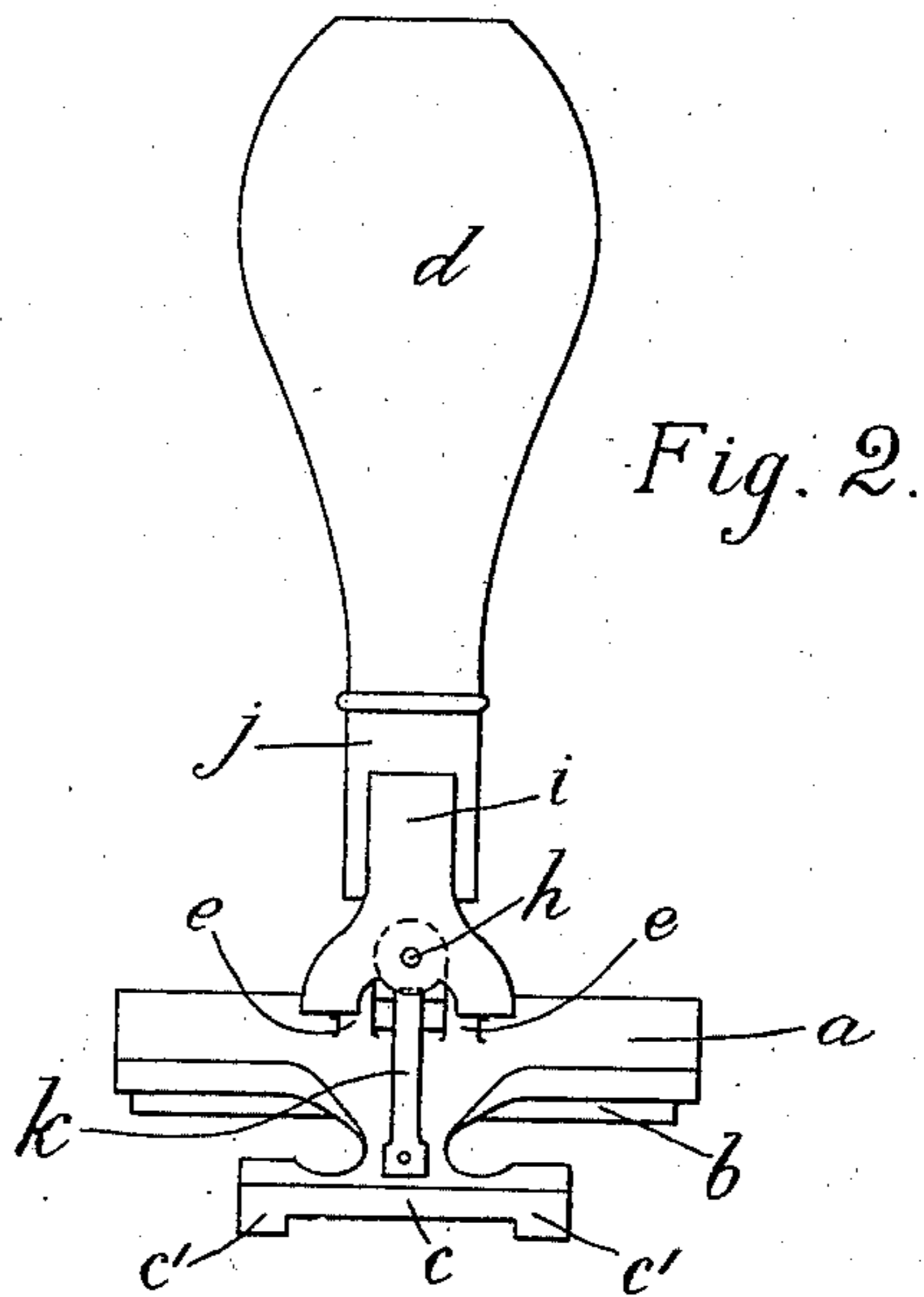
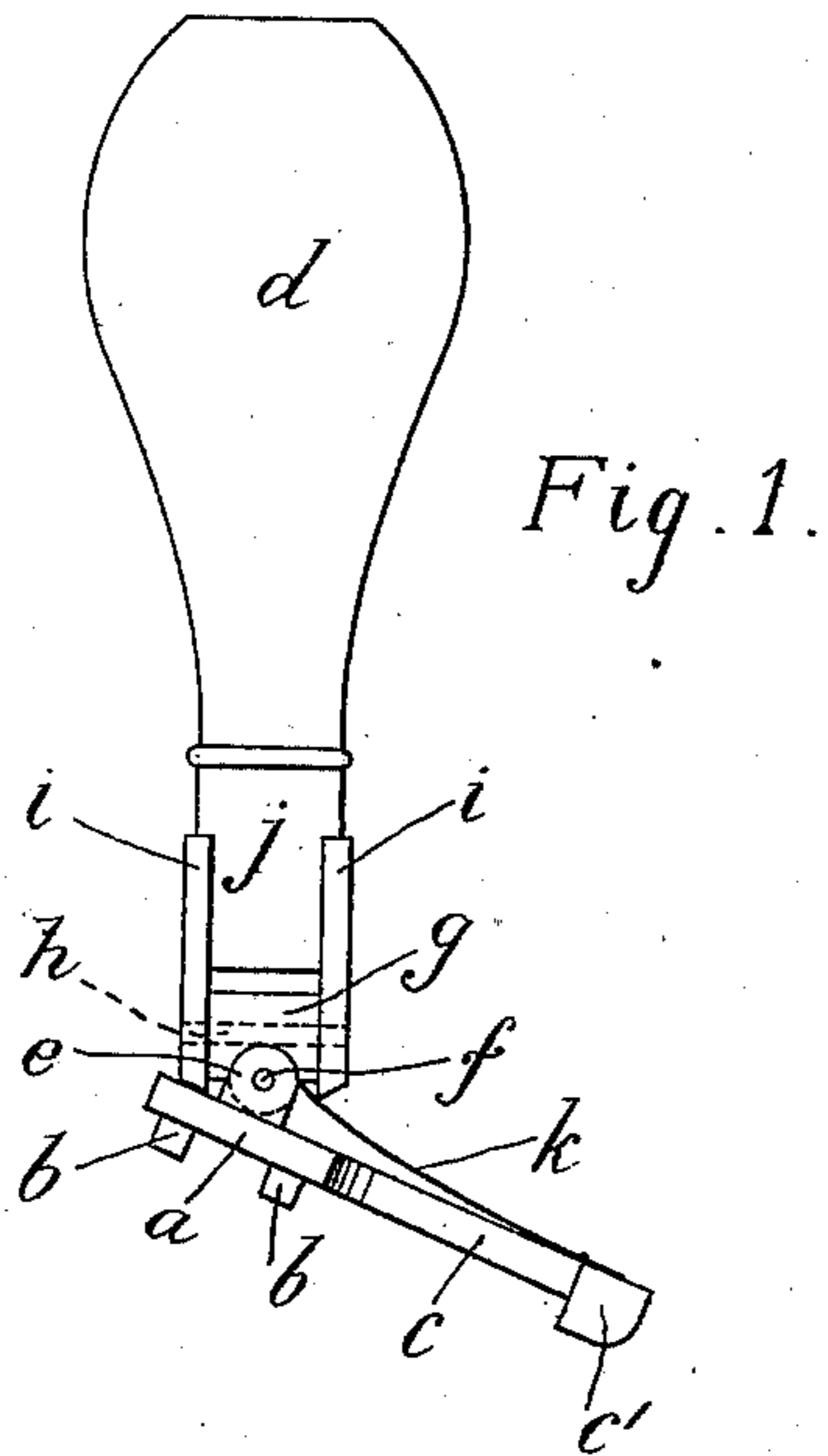
No. 654,464.

J. C. MACALESTER.
HAND STAMP.

Patented July 24, 1900.

(Application filed Oct. 19, 1899.)

(No Model.)



Witnesses.
G. S. Noble
J. Brühler

Inventor.
John Crawford Macalester
by W. Singer.
Att'y.

UNITED STATES PATENT OFFICE.

JOHN CRAWFORD MACALESTER, OF GLASGOW, SCOTLAND.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 654,464, dated July 24, 1900.

Application filed October 19, 1899. Serial No. 734,043. (No model.)

To all whom it may concern:

Be it known that I, JOHN CRAWFORD MACALESTER, a subject of the Queen of Great Britain, residing at Glasgow, Scotland, have
5 invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification.

This invention relates to hand-stamps; and its object is to so construct such stamps that
10 the type or die is caused to strike flat on the surface to be impressed and also when in contact with the surface to be subjected to an evenly-distributed pressure.

In order that the invention may be properly understood, I have hereunto appended an
15 explanatory sheet of the drawings, whereon—

Figure 1 is a side view of a rubber stamp made in accordance with my invention. Fig.
2 is a front view of the same stamp. Fig. 3
20 is a side view of the stamp as it appears when making an impression. Fig. 4 is a section taken on the line X X, Fig. 3. Fig. 5 is a detail view.

Referring to the drawings, the same reference-letters wherever repeated indicate the
25 same parts.

In carrying out the invention the rubber stamp is provided with a type-base *a*, preferably formed of a metal plate, having the rubber type *b b* secured to it in the usual manner. Formed in one with the type-base is a lateral extension or tailpiece *c*, which is preferably of a T shape, as shown. *c' c'* are feet made on the tailpiece. The type-base is connected with the usual handle *d* by means of
35 a universal joint, which may take the form of two lugs *e*, made in one with the type-base, having holes through which a pin *f* is passed. The pin *f* is also passed through a hole or passage in a block *g*, (see also Fig. 5,) which is capable of turning upon a pin *h*, passed through the hole *h'* in the block and through holes in the fork-shaped jaws *i i*, cast in one with the ferrule *j* of the handle. As will be
40 seen, the pin *f* passes through the block *g* at right angles to the pin *h*, so that a Hooke's joint is formed, with the result that a universal movement can be imparted to the type-base.

50 As will be seen, Figs. 1 and 2, the type-base does not normally lie flat or horizontal, but at an angle to the bottom of the handle,

with the type end sloping upward and the tailpiece downward. To insure this normal inclination of the type-base, a spring *k* may
55 be provided. This spring is secured at its one end to the tailpiece and at its other free end bears against the bottom of the block *g*.

In use the handle being held vertically, as usual, the tailpiece owing to the inclination
60 of the type-base first touches the surface to be impressed and acting as a guide automatically insures that the type on the base will strike flat, the contact-feet *c'* of the tailpiece being in a plane with the type-face. At
65 the same time the joint connection between the type-base and the handle being a universal one, any lateral motion of the hand is neutralized and an even distribution of pressure on the type assured. The type-base after
70 each impression is brought back to the normal position by the action of the spring *k*.

For inking the stamp a box may be used having a lip or edge which engages the tailpiece, so that the type strikes flat on the pad
75 automatically and is evenly inked, while the contact-feet of the tailpiece are kept free of ink.

Having now fully described my invention, what I claim, and desire to secure by Letters
80 Patent, is—

1. In a hand-stamp the combination with the handle of a type-base movably jointed thereto and a tailpiece for the type-base, substantially as set forth. 85

2. In a hand-stamp the combination with the handle of a type-base jointed by means of a universal joint to the handle and of a tailpiece for the type-base, substantially as set forth. 90

3. In a hand-stamp the combination with the handle, of a type-base jointed by means of a universal joint to the handle, a tailpiece for the type-base, and means for causing the type-base and tailpiece to normally lie in an
95 inclined position relatively with the handle, substantially as set forth.

4. In a hand-stamp the combination with the handle, of a type-base jointed by means of a universal joint to the handle, a tailpiece
100 for the type-base, and a spring for depressing the tailpiece, substantially as set forth.

5. In a hand-stamp the combination with the handle, a ferrule, jaws on the ferrule, a

block movably mounted in the jaws, a type-base movably secured to the block, a tail-piece for the type-base and a spring for depressing the tailpiece, substantially as set forth.

6. In a hand-stamp the combination with the handle, a ferrule, jaws on the ferrule, a block movably mounted in the jaws, a type-base movably secured to the block, a tail-piece for the type-base, a spring for depressing the tailpiece and feet on the tailpiece, substantially as set forth.

7. In a hand-stamp the combination with the handle, a ferrule, jaws at each side of the ferrule, a block fitted movably between the jaws, a pin passed through holes in the jaws and the block, a type-base, lugs on the

type-base, a pin passed through holes in the lugs and the block, a tailpiece of T shape made one with the type-base, feet on the tail-piece and a spring for depressing the tailpiece, substantially as set forth.

8. In combination the handle *d*, the ferrule *j*, the jaws *i, i*, the block *g*, the type-base *a*, the lugs *e, e*, on the type-base, the joining-pins *h, f*, the tailpiece *c*, and the spring *k*, substantially as hereinbefore described and shown.

Signed at Glasgow, Scotland, this 6th day of October, 1899.

JOHN CRAWFORD MACALESTER.

Witnesses:

DUNCAN MCKELLAR,
R. M. ROSS.