

No. 654,183.

Patented July 24, 1900.

L. A. SAYRE.
PUNCH.

(Application filed Jan. 6, 1900.)

(No Model.)

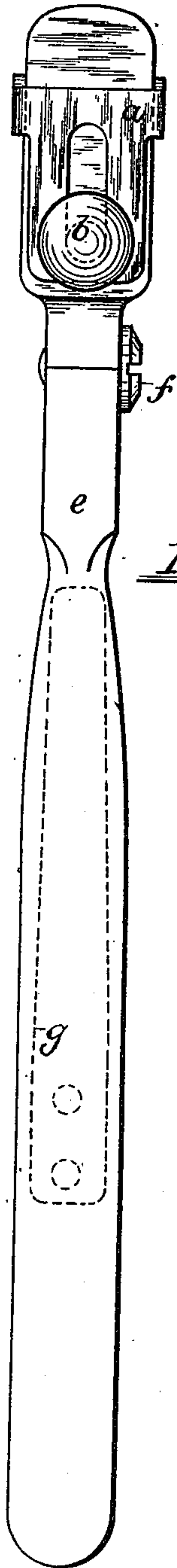


Fig. 2.

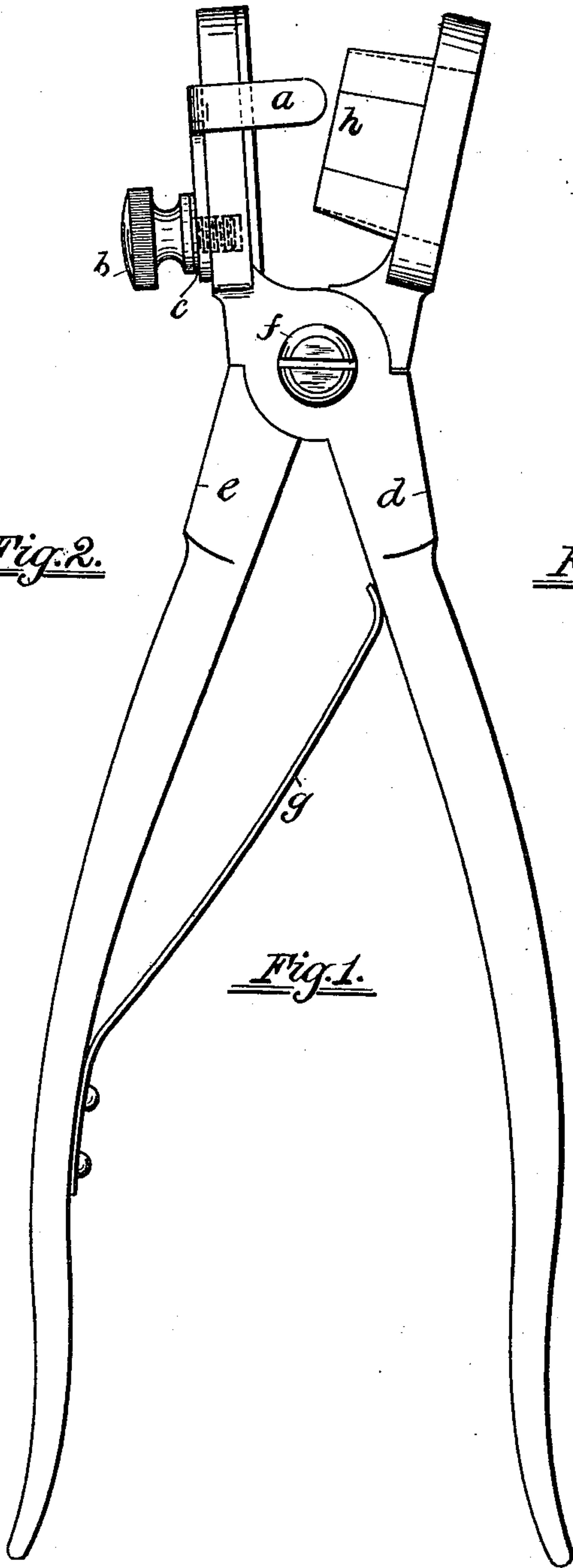


Fig. 1.

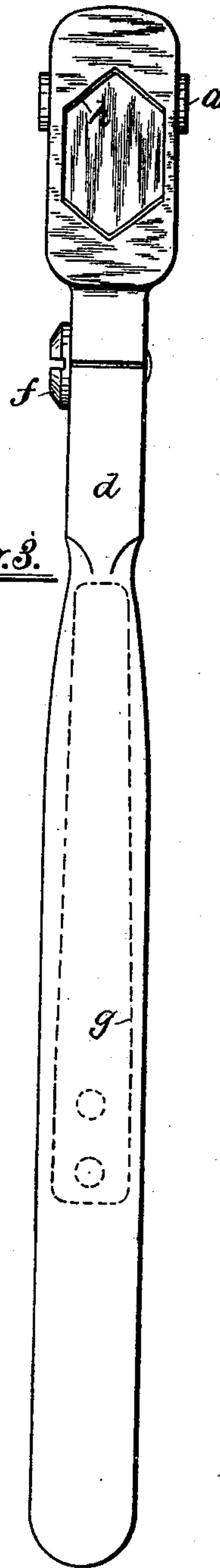


Fig. 3.

WITNESSES:

H. C. Condit.
L. M. C. W.

INVENTOR

Louis A. Sayre

UNITED STATES PATENT OFFICE.

LOUIS A. SAYRE, OF MADISON, NEW JERSEY.

PUNCH.

SPECIFICATION forming part of Letters Patent No. 654,183, dated July 24, 1900.

Application filed January 6, 1900. Serial No. 590. (No model.)

To all whom it may concern:

Be it known that I, LOUIS A. SAYRE, of the borough of Madison, county of Morris, State of New Jersey, have invented certain new and
5 useful Improvements in Punches Intended for Use as an Implement for Marking Cattle, of which the following is a specification.

My invention is applied to a punch of the ordinary form, having one jaw adapted to
10 operate a perforating-tube and the other jaw provided with a soft-metal or other suitable pad for the tube to cut against and also provided with an adjustable gage, so that a cut may be made of the full surface of the per-
15 forating-tube or for any part thereof.

Figure 1 of the accompanying drawings represents a vertical view of a complete punch, in which is shown the main features of my invention. Fig. 2 is a plan view, and Fig. 3
20 is an obverse view, of the same.

Throughout the drawings similar letters refer to similar parts.

Referring to Fig. 1, the member *e* carries an oblong hexagonal perforating-tube *h* upon
25 its jaw. The member *d* has its jaw padded upon its face with soft material, (shown in lines opposite to perforating-tube *h*.) This jaw also carries adjustable gage *a*, held to the same by thumb-screw *b*, operating through
30 an oblong slot to give the gage a longitudinal adjustment. This gage is also provided with lugs *a*, extending upward parallel with the sides of the tube *h* and are used to gage the cut of tube *h*, so that a cut may be made of
35 its full face or of any part thereof.

In operation the gage *a* is set to produce

the desired cut. The ear of the animal to be marked is then caused to rest upon the jaw of the punch against the gage *a*. The handles of *e* and *d* are then operated to force the per-
40 forating-tube *h* through the ear, removing the desired portion therefrom. The spring *g* may then force the jaws open to their normal position.

I have shown tube *h* of an oblong hexagonal
45 form; but I might use any other desirable shape without departing from my invention.

Having described my invention and its mode of operation, what I claim, and desire to secure by Letters Patent of the United States, 50 is—

1. A punch, adapted for use as an implement for marking cattle; comprising the member *e*, carrying perforating-tube *h*; the member *d*, having its jaw faced with pad of soft
55 material, and provided with a gage *a*, held adjustably thereon by means of thumb-screw *b*; said gage projecting upward, parallel with the sides of tube *h*; substantially as shown, and for the purposes described. 60

2. The combination in a perforating-punch of the members *e*, and *d*, the spring *g*, the pivot *f*, the jaw padded upon its face with soft material and the thumb-screw *b*; with the longitudinally-adjustable gage *a*, sub-
65 stantially as shown and described, and for the purposes set forth.

LOUIS A. SAYRE.

Witnesses:

H. C. CONDIT,
L. M. PIER.