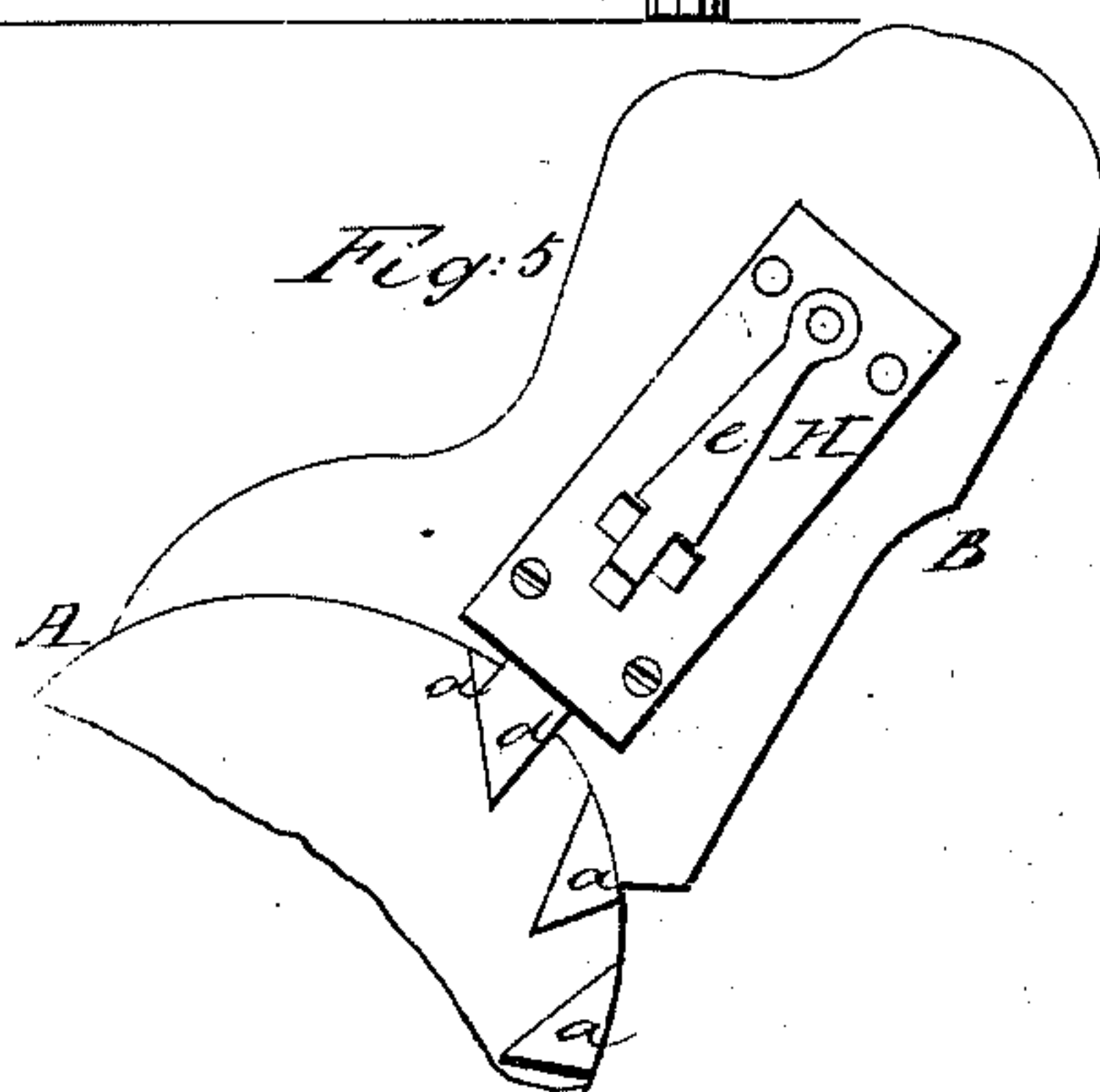
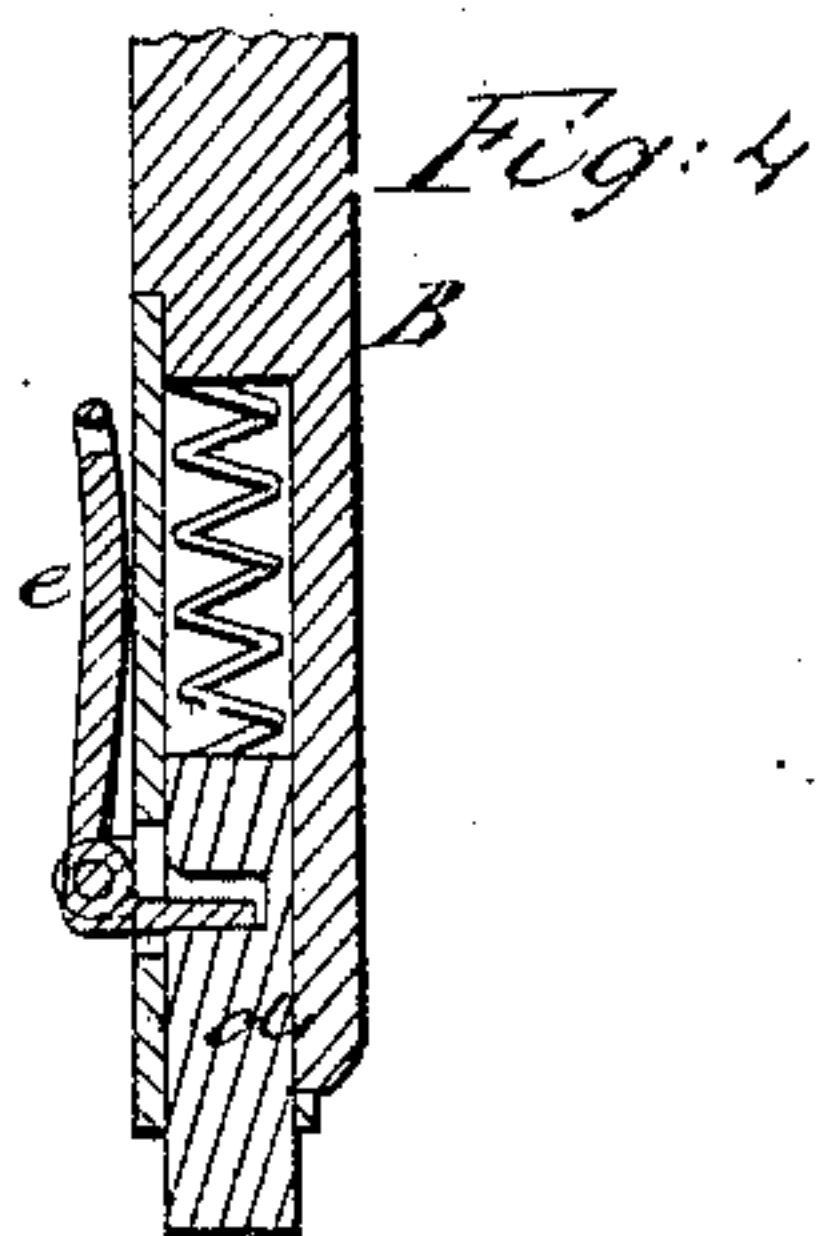
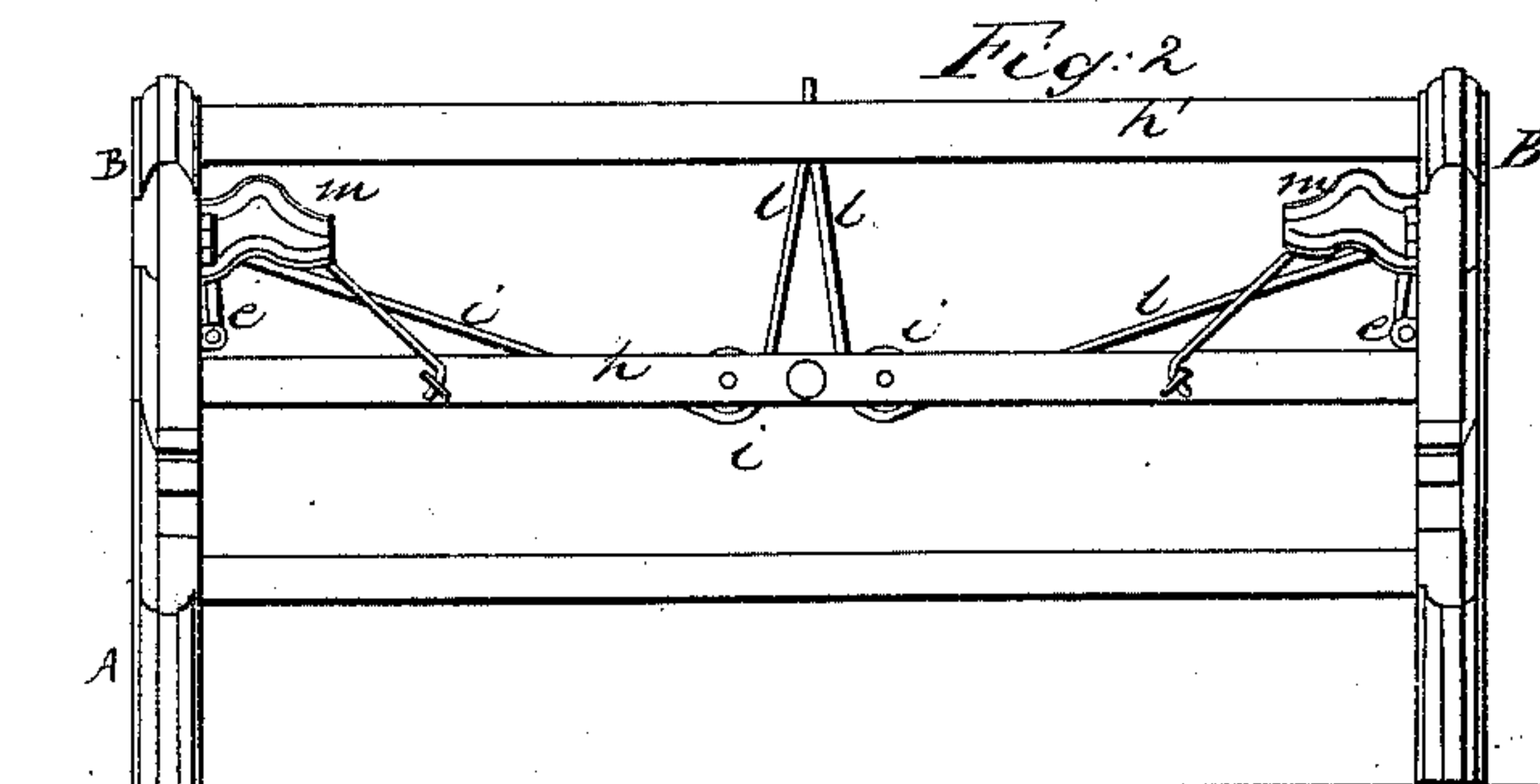
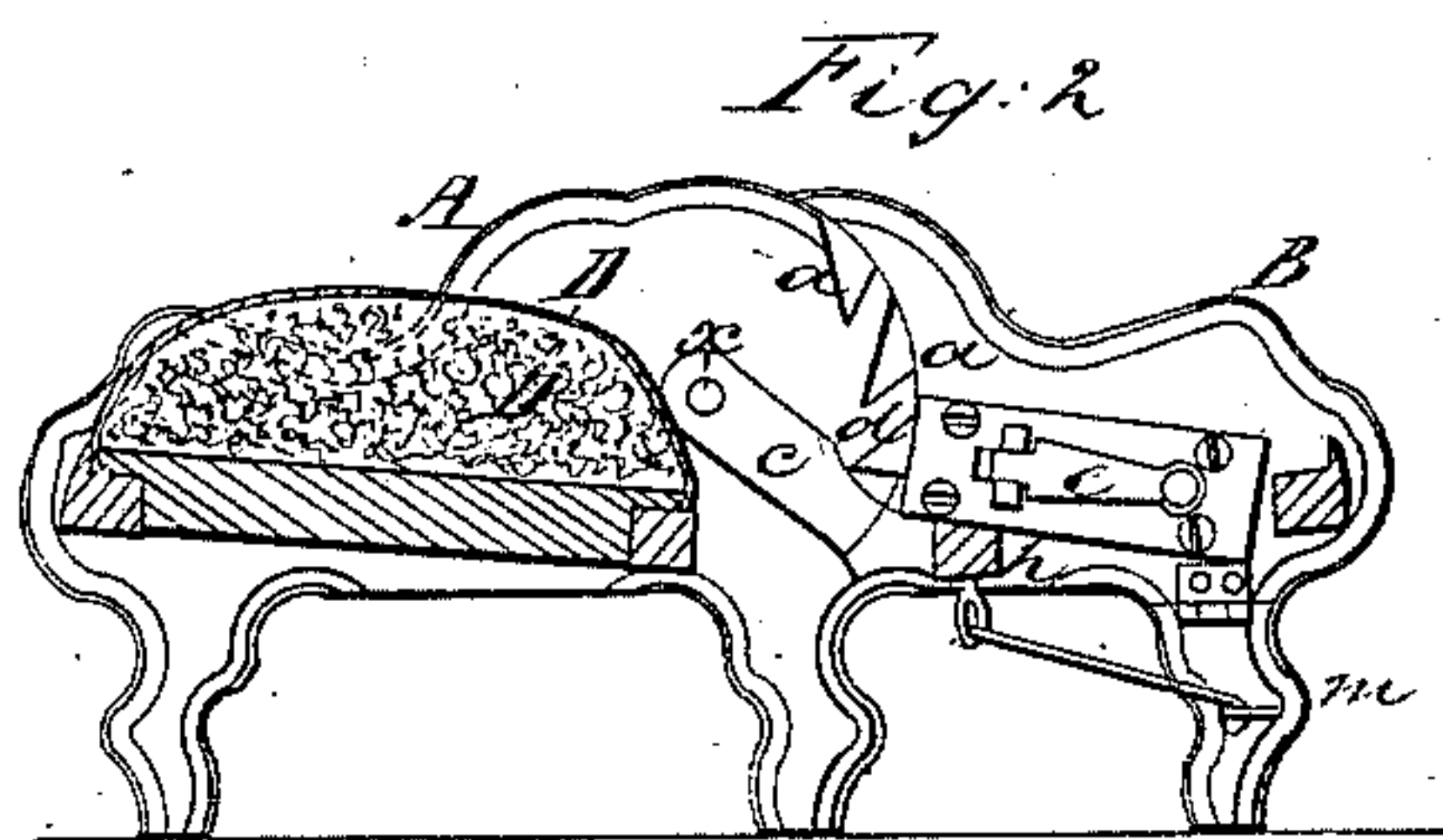
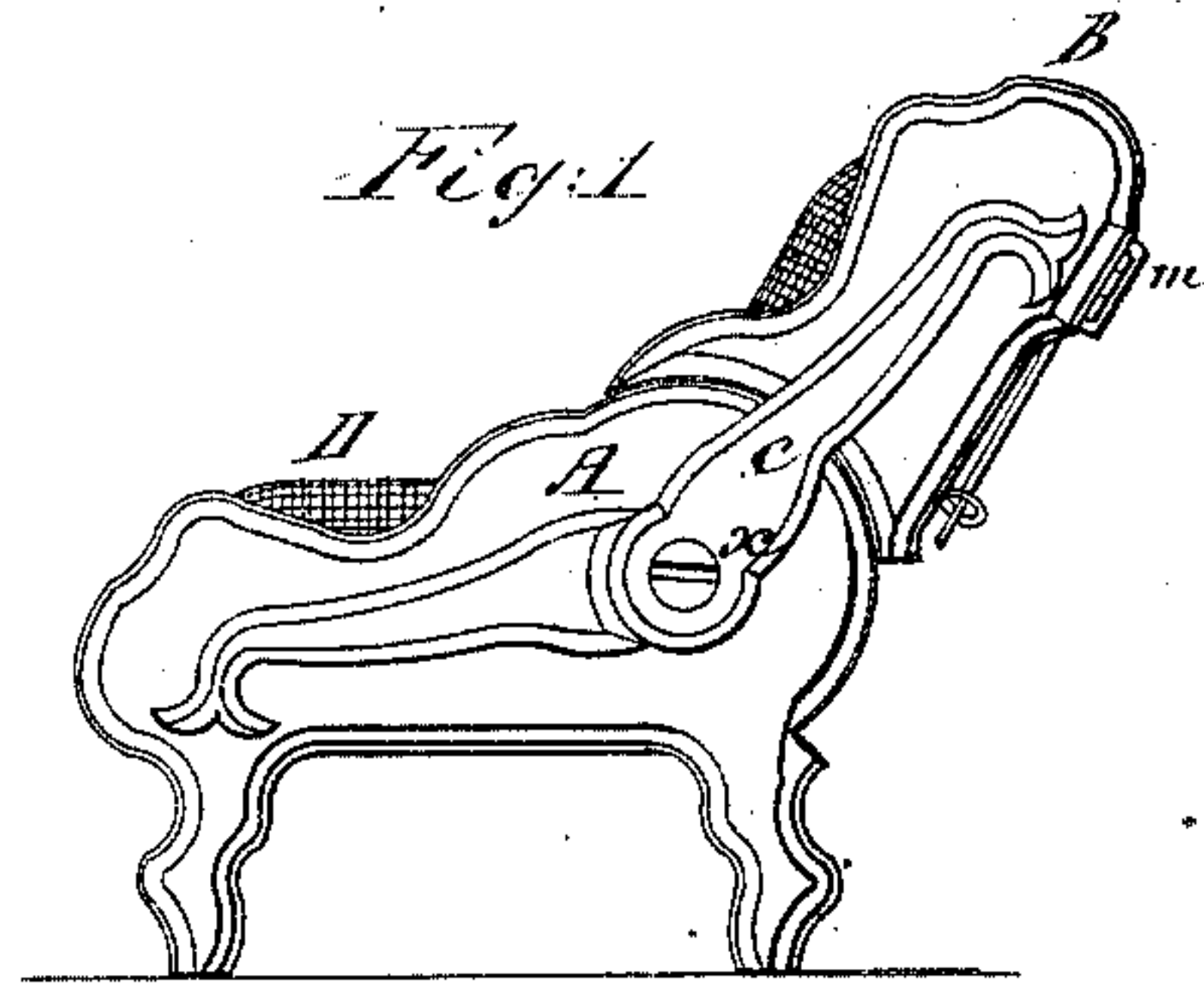


E. Deetz,
Sofa Bedstead,

N^o 77872.

Patented May 12, 1868.



Witnesses.
Wm. Astue.
John Parker

Inventor
E. Deetz
By His Atty
V. H. Howson

United States Patent Office.

EDWARD DEETZ, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 77,872, dated May 12, 1868.

IMPROVED ADJUSTABLE SOFA.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, EDWARD DEETZ, of Philadelphia, Pennsylvania, have invented an Adjustable Sofa; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of certain devices, fully described hereafter, whereby the back of a sofa may be turned to and maintained at any desired inclination, or in a position level with that of the body.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is an end view of my improved sofa,

Figure 2, a transverse section,

Figure 3, a rear view, and

Figures 4 and 5 detached views drawn to an enlarged scale.

The body of the sofa consists of two end-frames supported on legs in the usual manner, and connected together by longitudinal strips, upon which rests a detachable cushion.

A, fig. 1, represents one of the end-frames, the rear of which is rounded, as shown, so as to form a bearing, on which one of the end-frames, B, of the back of the sofa can rest and turn.

In the upper surface of the rounded rear portions of the end-frames A are any suitable number of notches *a a*, for a purpose described hereafter.

To each end-frame B is attached an arm, *c*, (figs. 1 and 2,) which projects some distance below the said frames, and is hinged by a pin, *x*, to the end-frame of the body.

The inside of each of the end-frames B of the back is recessed for the reception of a spring-bolt, *d*, contained and operating within a casing, H, and the latch-head of which projects below the said end-frames B, and into the notches *a a* of the rounded rear portion of the end-frames A of the body, as shown in the enlarged view, fig. 5.

From these notches the spring-bolts *d* may be withdrawn by the operation of a spring-lever, *e*, (figs. 4 and 5.)

At two points in a longitudinal stay, *h*, at the rear of the sofa, are cut slots, within which are hung small grooved pulleys, *j j*. To the outer end of each of the levers *e* is connected one end of a cord, *l*, these cords passing under and around the pulleys *j j*, and thence upward through a hole in the top rail *h'* of the back, where they are connected. By means of a tassel or other suitable attachment to these cords at their outer connected ends, they may be simultaneously pulled, and so caused to operate the levers *e e* as to draw the spring-bolts *d* from the notches *a* of the rounded rear portions of the end-frames A.

When it is desired to change the inclination of the back of the sofa, or to form a bedstead, all that is necessary is to pull the cords *l l*, thus withdrawing the bolts *d* from those of the notches *a*, in which they may be fitting. The end-frames B of the back may then be turned upon the rounded rear portions of the end-frames A of the body, until they assume the desired inclination or position, in which they will be secured upon releasing the cords *l l* and levers *e e*, thereby allowing the spring-bolts *d* to project into those of the notches *a*, to which they may be opposite.

To the rear of the end-frames B of the back are hinged legs *m m*, for the support of the back when turned to a level with the body, so as to form a bedstead. These legs, when not in use, are folded against the rear of the back, and are secured in either position by hooked rods adapted to staples on the rear of the sofa, as shown in fig. 3.

I claim as my invention, and desire to secure by Letters Patent—

1. The rounded and notched rear portion of the end-frame A of the sofa, in combination with the end-frames of the back, hinged to the body, and provided with spring-bolts adapted to the notches on the said rounded portions of the frames A, all as set forth for the purpose specified.

2. I claim the above, in combination with the within-described cords and pulleys, by which the spring-bolts at the opposite ends of the sofa may be operated simultaneously, as described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

EDWARD DEETZ.

Witnesses:

JOHN WHITE,

C. B. PRICE.