

S. L. STORY.
Sad-Iron.

No. 224,854.

Patented Feb. 24, 1880.

Fig. 1.

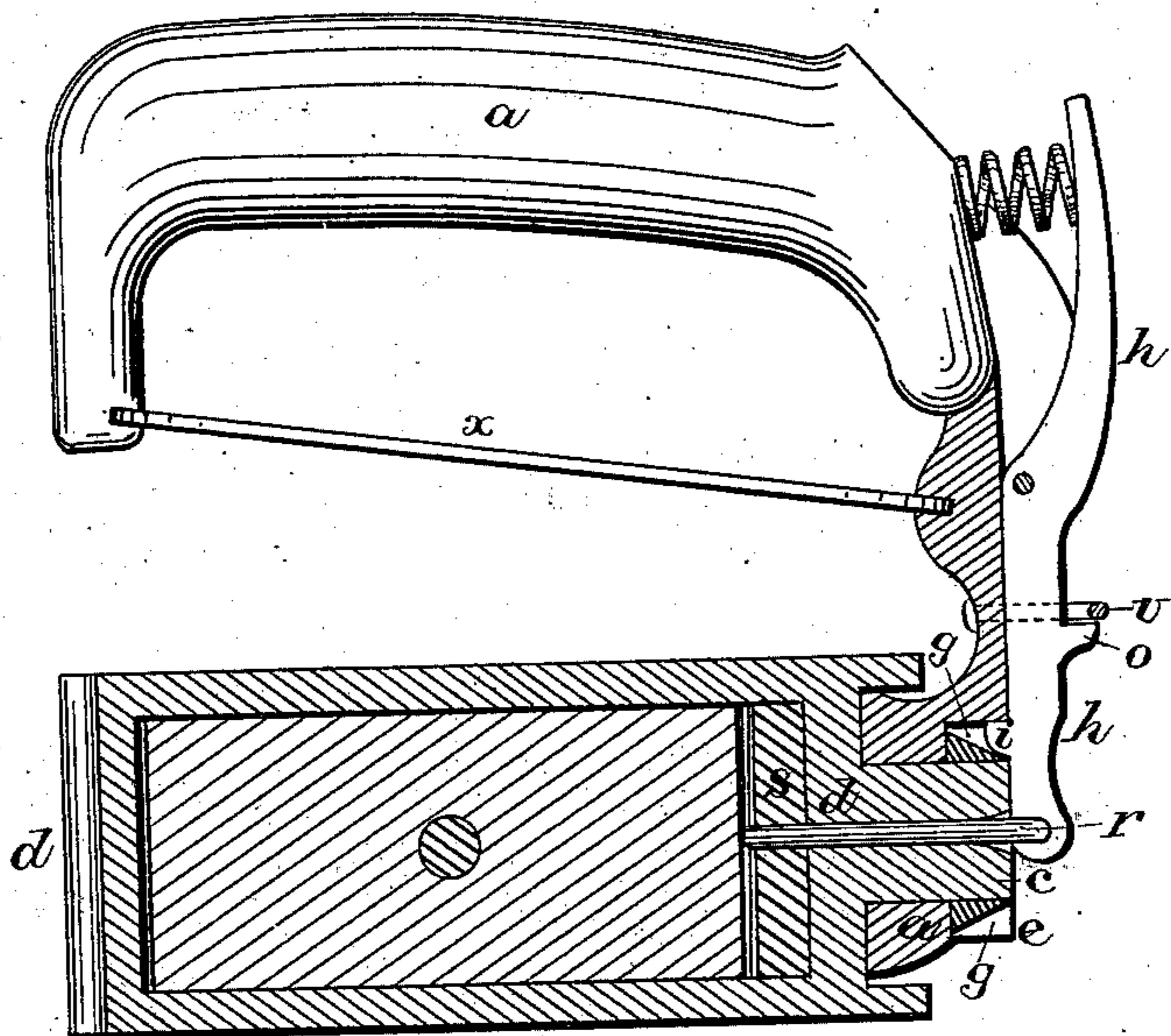


Fig. 2.

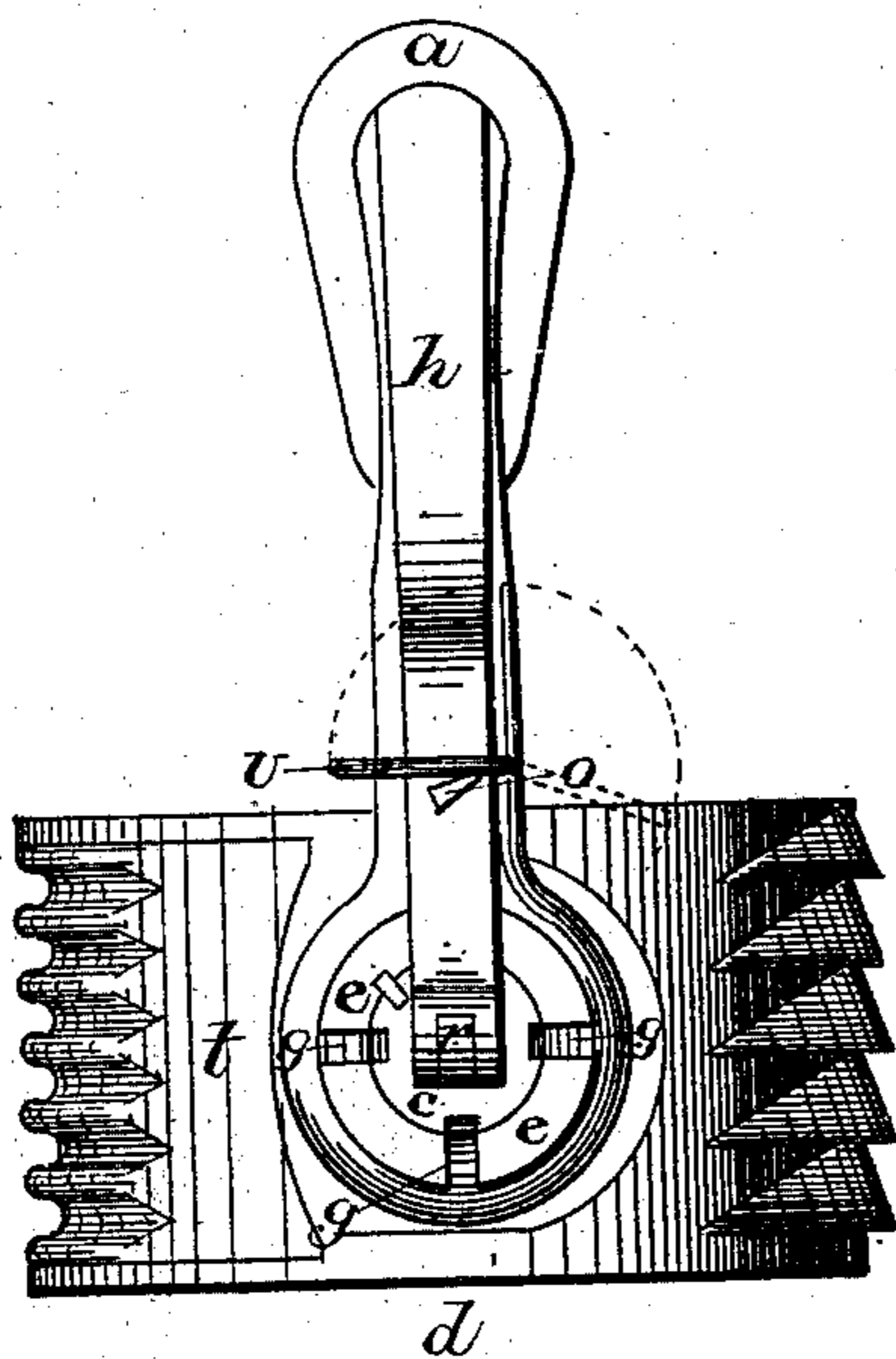
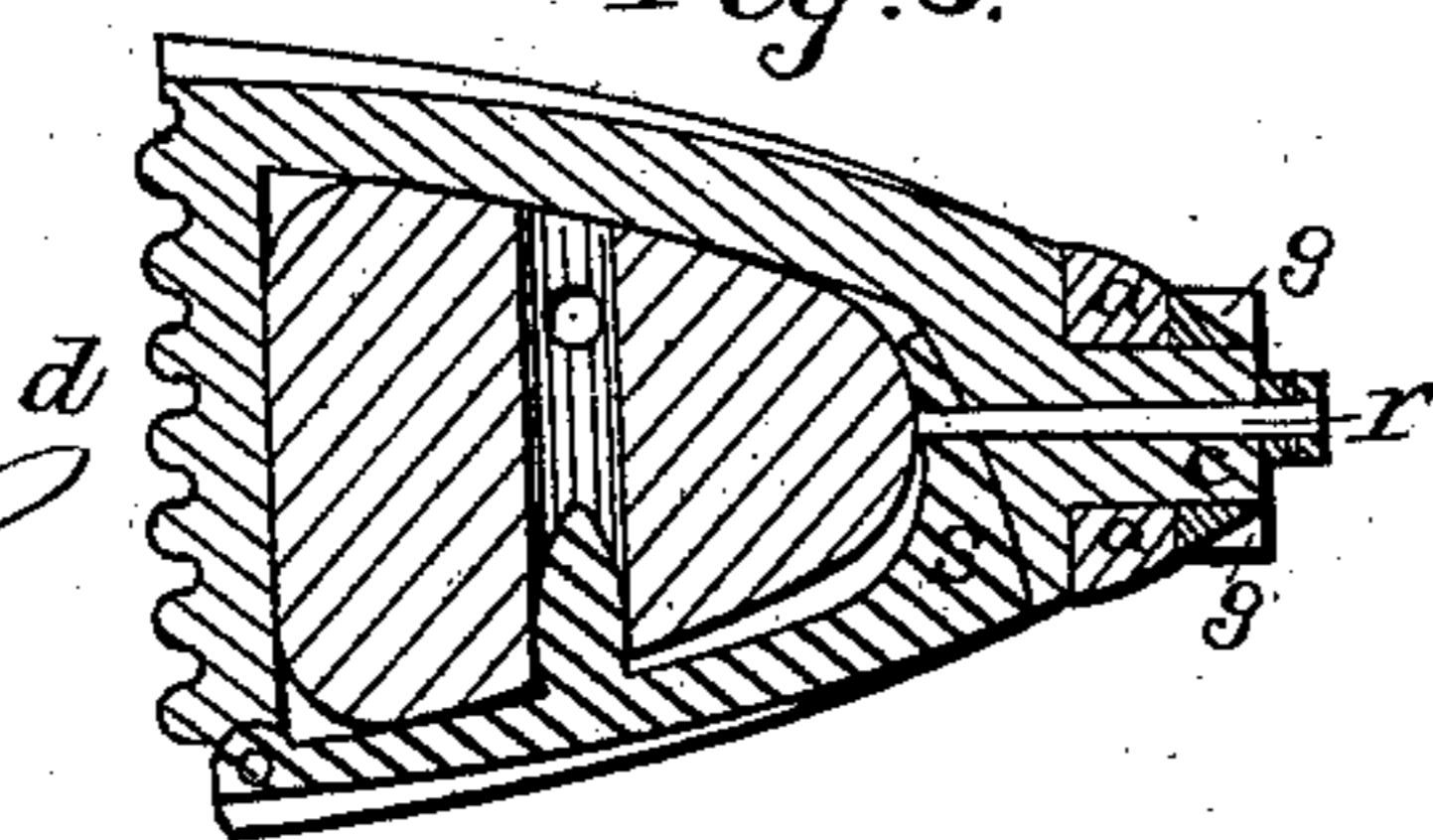


Fig. 3.



Witnesses:

J. W. Garner
Otto Stein.

Inventor:

S. L. Story,
per
F. A. Lehmann,
Atty.

UNITED STATES PATENT OFFICE.

SAMUEL L. STORY, OF HILLSBOROUGH, KENTUCKY.

SAD-IRON.

SPECIFICATION forming part of Letters Patent No. 224,854, dated February 24, 1880.

Application filed November 3, 1879.

To all whom it may concern:

Be it known that I, SAMUEL L. STORY, of Hillsborough, in the county of Fleming and State of Kentucky, have invented certain new and useful Improvements in Sad-Irons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in sad-irons; and it consists in a spring-latch which is pivoted upon the handle, and which has a pin attached to its lower end, in combination with a keeper, which is also attached to the handle and catches over the front of the latch, so as to prevent the latch from being moved farther than is necessary to allow the iron to be turned around, as will be more fully described hereinafter.

Figure 1 is a vertical section of my invention. Fig. 2 is an end view of the same, and Fig. 3 is a detail.

a represents the handle, which has a hole made through its front lower end, so as to fit snugly over the projection *c* on the front end of the iron *d*, which projection serves as a journal on which the iron turns freely around, so that any one of its four sides can be used. This handle *a* is prevented from becoming detached from the iron by means of the collar *e*, which is passed over the front end of the projection and held in place by means of a key or any other suitable device. At equal distances apart in this collar are made the notches *g*, each one of which corresponds to one of the sides of the iron, and in which the catch *i* on the inner side of the latch *h* catches for the purpose of holding the iron *d* in such a position that any one of its sides can be used. This spring-latch is pivoted on the front of the handle, has the stop *o* on its outer side, and the pin *r* pivoted to its lower end. This pin passes through the projection *c* on the front of the iron, and through an extension, *s*, on the door *t*, for the purpose of holding the door closed while ironing. When the lower

end of the latch is forced outward to its full extent, by pulling inward on its upper end the pin is drawn outward sufficiently far to allow the door to be freely opened. Were there no check on this latch it would be necessary to have a second latch to control this door, as is shown in my former patent, or it would be constantly coming open, so that the hot weight could drop out.

In order to use one latch both for locking the iron in place and locking the door shut, there is loosely fastened to the handle the swinging latch *v*, which can be swung over the front of the latch, so as to rest on the projection or stop *o*, or which can be made to swing freely downward without affecting the latch at all. When this keeper is turned across the latch the latch can be made to draw the pin just far enough out to release the catch *i* from one of the notches, but not far enough to withdraw the pin from the door.

When the keeper is not across the latch the pin can be drawn far enough out to release the door, so that it can be opened to have the core inserted or removed.

As shown and described in my former patent, a heat-protector, *x*, is placed in the handle, and the two sides and end of the iron are provided with differently-shaped flutes, so that all five sides of the iron can be used.

Having thus described my invention, I claim—

The combination of the handle *a*, pivoted on the front end of the iron, a lever or latch pivoted on the handle and having a rod pivoted to its lower end to lock the door, and provided with a projection to lock the iron in position, with an open pivoted keeper, *v*, which, when turned up over the front of the latch, limits its movement, substantially as shown.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of October, 1879.

SAMUEL LEWIS STORY.

Witnesses:

HARRY ANDREWS,
WM. R. FLEMING.