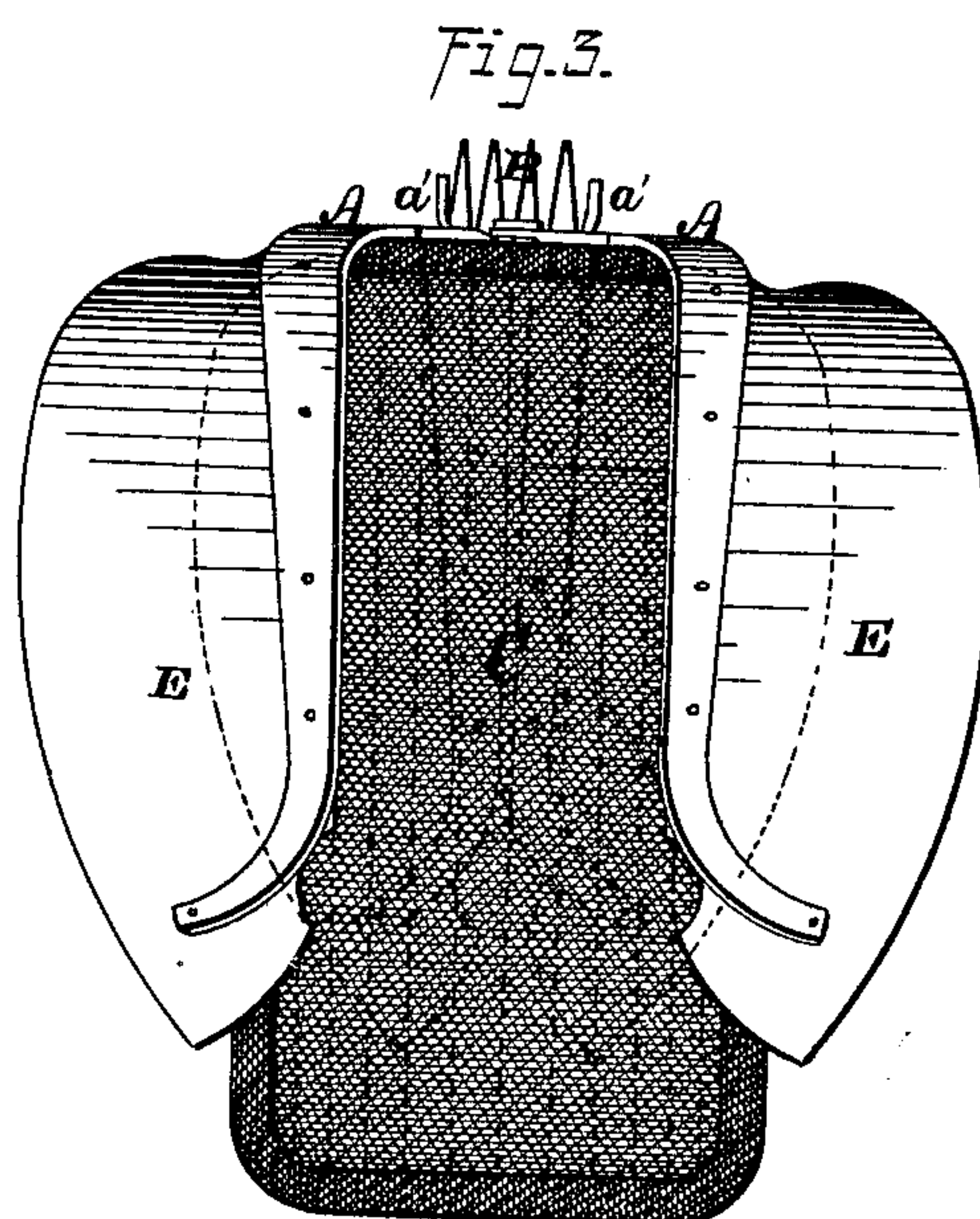
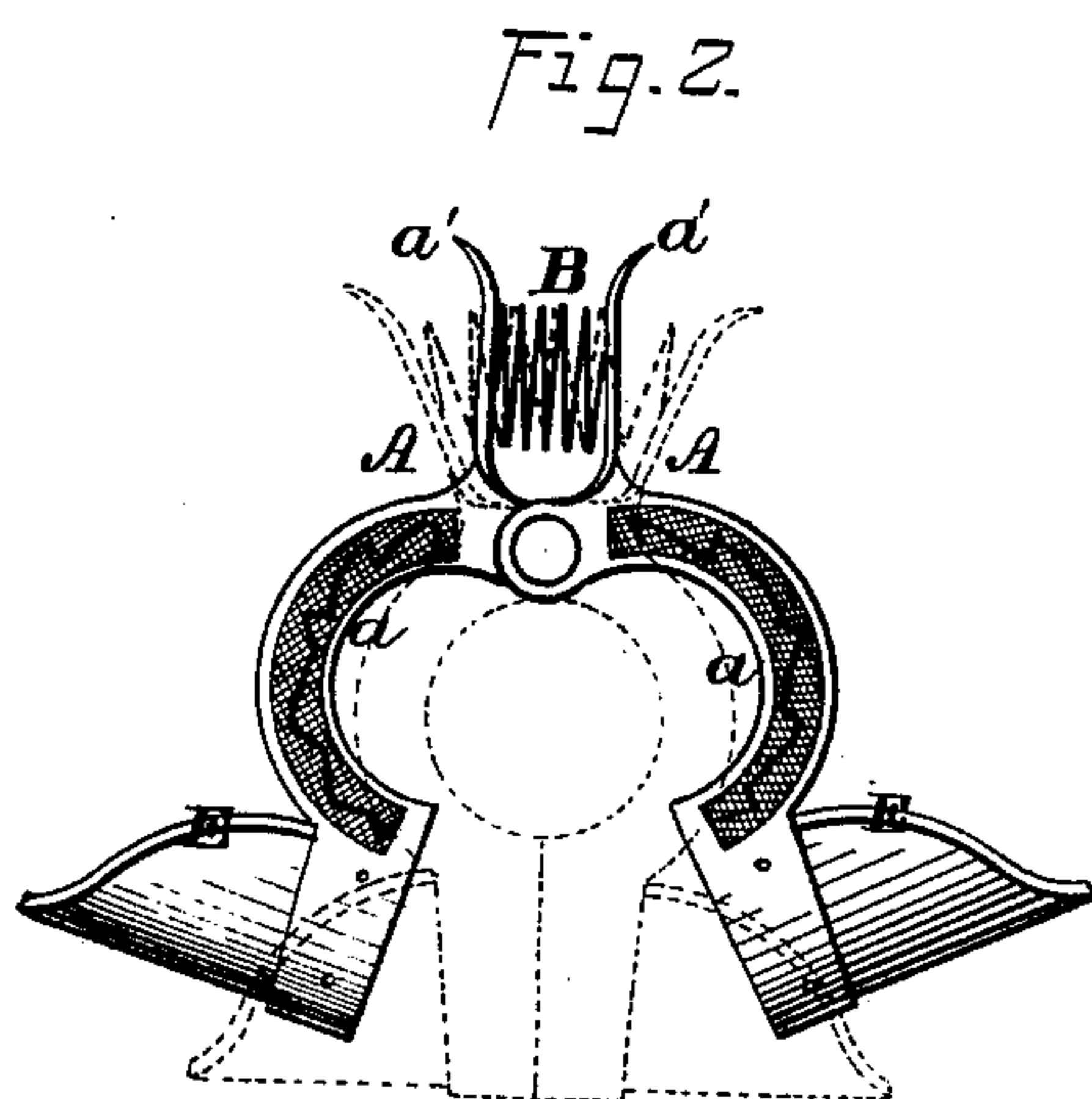
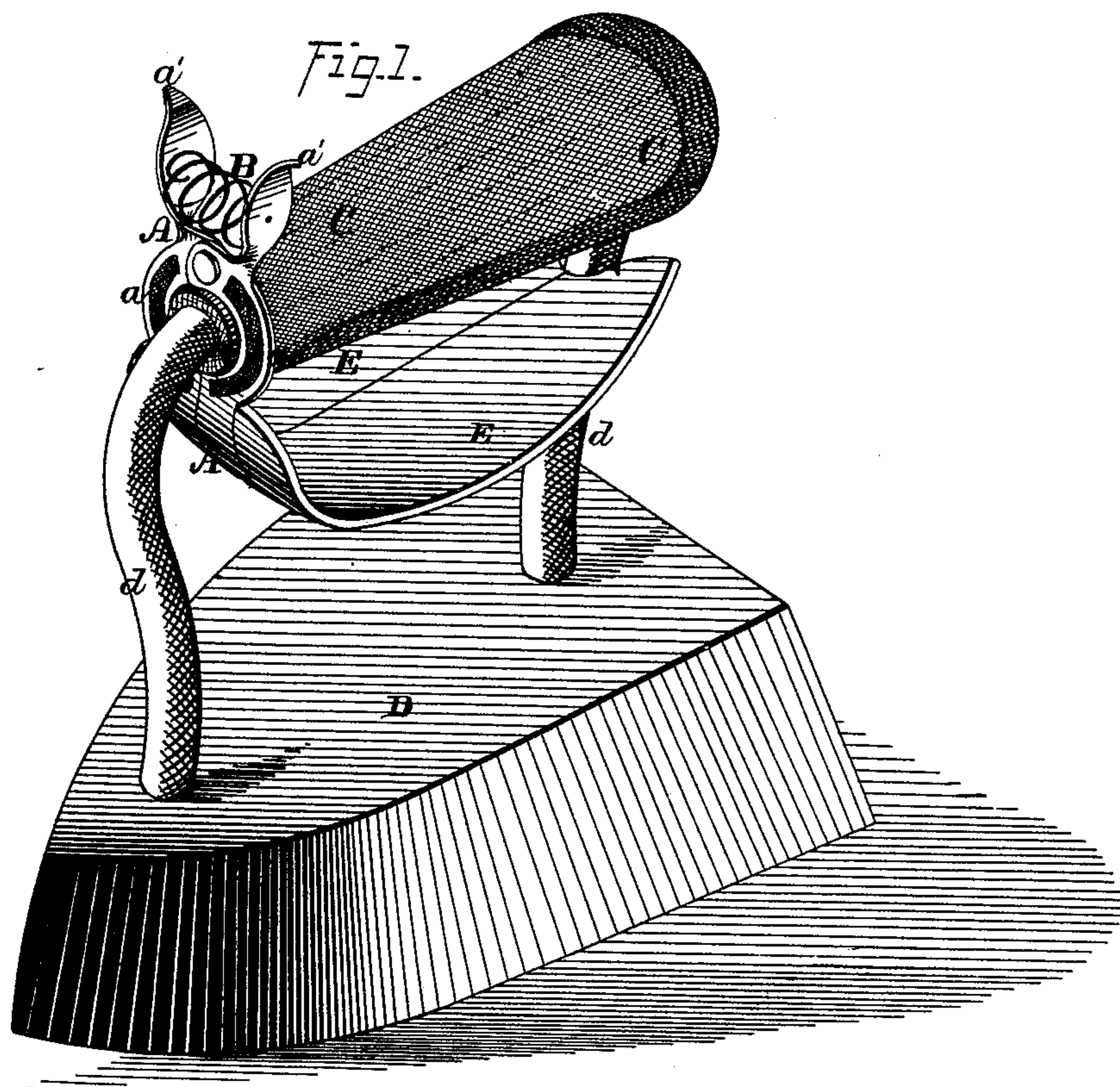


W. REINHARD.  
Sad-Iron Holders.

No. 197,173.

Patented Nov. 13, 1877.



WITNESSES  
Jacob Hutchinson.  
Henry G. Hazard

INVENTOR.  
Wm Reinhard, by  
Prindle & Co. Attys



# UNITED STATES PATENT OFFICE.

WILLIAM REINHARD, OF EAU CLAIRE, WISCONSIN.

## IMPROVEMENT IN SAD-IRON HOLDERS.

Specification forming part of Letters Patent No. **197,173**, dated November 13, 1877; application filed April 16, 1877.

*To all whom it may concern:*

Be it known that I, WM. REINHARD, of Eau Claire, in the county of Eau Claire, and in the State of Wisconsin, have invented certain new and useful Improvements in Flat-Iron Holders; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a perspective view of my device in place upon a flat-iron. Fig. 2 is a front elevation of the same, the full lines showing the positions of parts when the holder is open, and the dotted lines their positions when said holder is closed; and Fig. 3 is a plan view of the lower side of the same.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to afford complete protection from heat to the hand of a person while using a flat-iron; and it consists, principally, in the peculiar construction of pivoted jaws and their combination with the elastic holder which encircles the handle of a flat-iron, substantially as and for the purpose hereinafter specified.

It consists, further, in the device as a whole, its several parts being constructed and combined to operate in the manner and for the purpose substantially as hereinafter set forth.

In the annexed drawing, A and A represent two metal jaws, which, in front elevation, have the form shown in Fig. 2, and are pivoted together at the upper ends of their curved portions *a*.

From its pivotal bearing each jaw extends upward and outward, and forms a thumb-piece, *a'*, by means of which the lower portions of said jaws may be separated. A spring, B, interposed between said thumb-pieces, holds the latter outward with a yielding pressure.

Within the curved portion *a* of each jaw, at its transverse center, is provided a series of openings, through which a thread or wire, *c*, is passed, for the purpose of attaching to the rear side of said jaws a pad or holder, C, that is composed of suitable flexible material, and has such dimensions as to enable it to inclose the horizontal portion of the handle *d* of a flat-iron, D. The edges of the holder C meet below, but are not connected together, so that by pressing the thumb-pieces *a'* together, said holder and the jaws A will be spread, as seen

in Figs. 2 and 3, until they may be passed over the handle *d* of the flat-iron, when, by releasing said thumb-pieces, the spring B will return said parts to their normal positions, and cause them to grasp said handle, as shown in Fig. 1.

In order that the hand of the operator may be protected from radiated heat from the flat-iron D, the jaws A are extended downward and rearward from the curved portions *a*, and upon each of such extended portions is secured a shield, E, which is constructed from any suitable material, and extends horizontally outward to any desired distance. The space between the shield E and the fingers of the operator should be such as to prevent contact, when it will be found that said shield perfectly protects the hand from radiant heat, while the holder, operating in the usual way, protects the hand from conducted heat.

It is intended that the rear end of the shield E shall embrace the rear vertical portion of the handle *d*, and assist in insuring the position of the holder upon said handle.

The device thus constructed can be easily and quickly placed upon or removed from the handle of a flat-iron. It is incapable of displacement, and it affords complete protection from heat to the hand of its user.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

1. In combination with the holder C, the pivoted jaws A, having the curved portions *a* and thumb-pieces *a'*, and the spring B, interposed between said thumb-pieces, substantially as and for the purpose specified.

2. The hereinbefore-described flat-iron holder, consisting of the jaws A, constructed as shown, and pivoted together, the flexible pad C, attached to said jaws, the spring B, placed between the upper ends of the latter, and the shield E, attached to their lower ends, said parts being combined to operate in the manner and for the purpose substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 7th day of April, 1877.

WILLIAM REINHARD.

Witnesses:

J. F. ELLIS,  
ABEL DAVIS.