

(No Model.)

W. M. MCINTYRE.

SAD IRON HOLDER.

No. 326,313.

Patented Sept. 15, 1885.

Fig. 1.

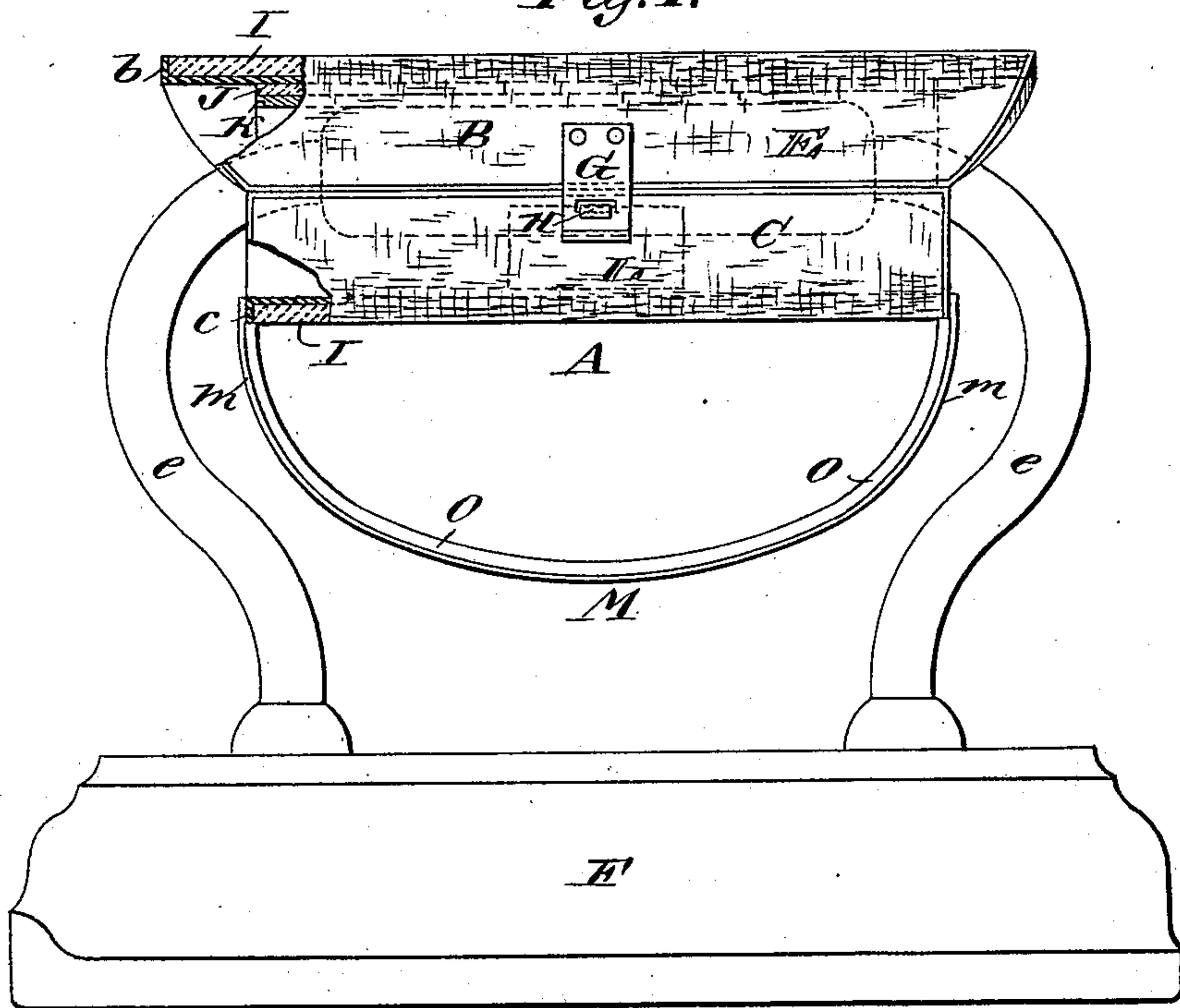


Fig. 2.

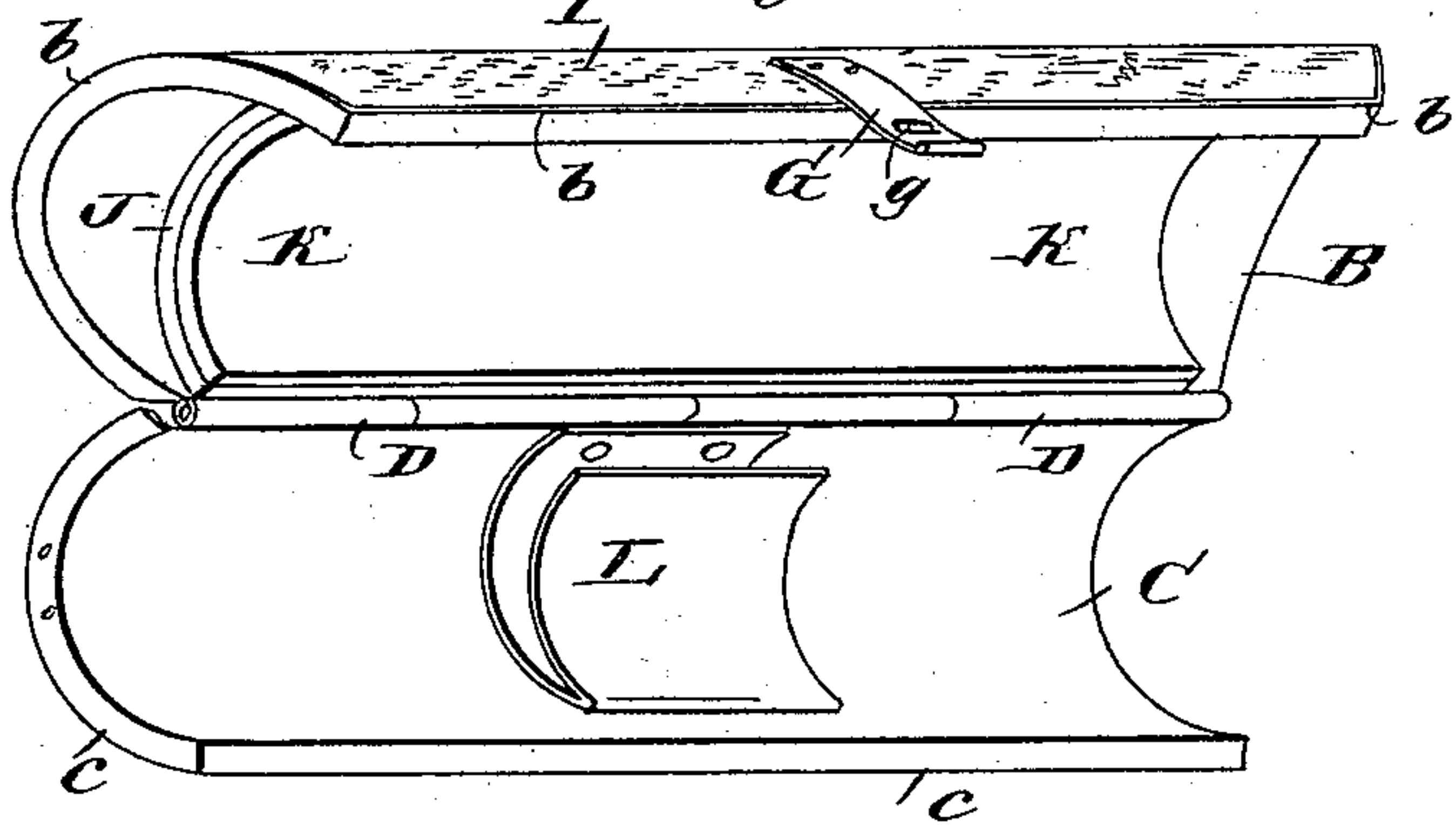
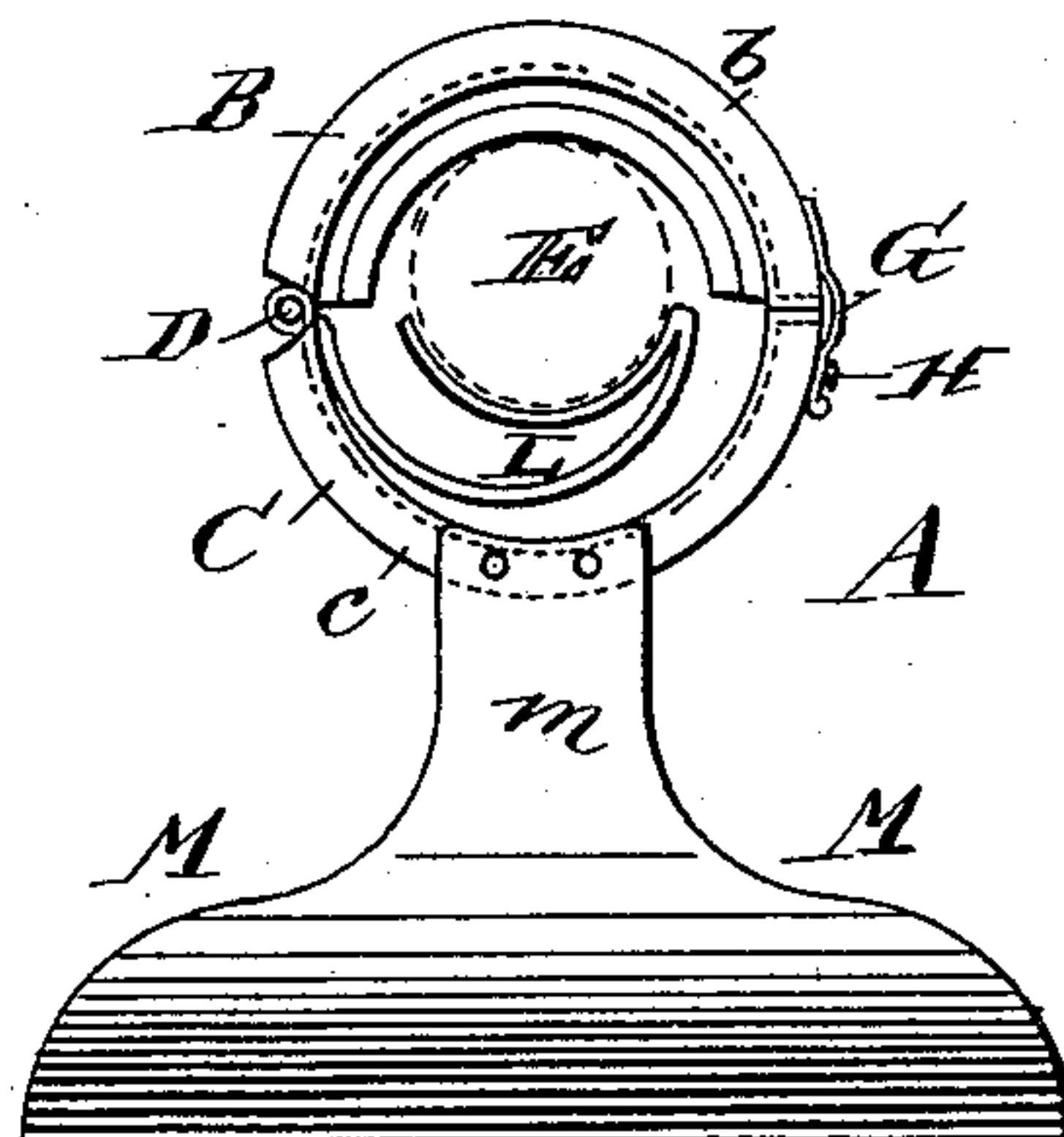


Fig. 3.



WITNESSES:

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SAD-IRON HOLDER.

SPECIFICATION forming part of Letters Patent No. 326,313, dated September 15, 1885.

Application filed November 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MATTHEWS MCINTYRE, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Holder for Smoothing-Irons, of which the following is a full, clear, and exact description.

The object of my invention is to provide an inexpensive and efficient holder for attachment to the handles of smoothing or other heated irons, for protecting the hand from being burned by contact with the handle of the iron or by the heat radiated from the body of the iron.

The invention consists in particular constructions and combinations of parts of the holder, all as hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of a smoothing-iron with my improved holder applied, the holder being partly broken away and in section. Fig. 2 is a perspective view of the handle portion of the holder opened, the lower guard being removed; and Fig. 3 is an end view of the holder.

The letter A indicates the improved iron-holder, which has a handle portion formed in two sections, B C, hinged together along one side, as at D, and having any suitable device to hold them closed around the handle portion E of a smoothing or sad-iron, F—such, for instance, as a plate of spring metal, forming a clasp, G, fixed to the upper section, B, and having an aperture, *g*, springing over and around a stud or catch-pin, H, on the lower section.

I make these handle-sections B C preferably of sheet metal—heavy, tin for example—the edges of which may be beaded or wired, or be turned up or out in a narrow flange, as at *b c*, which strengthens the handle and serves to inclose an outer covering, I, of plush, felt, or cloth, which affords a firm grasp of the handle and is sufficiently soft and yielding to prevent injury to the hands by prolonged use of the iron.

Inside of the upper section, B, of the holder-

handle I fasten a lining, J, of felt or other suitable non-conductor of heat, and over the felt I secure a layer, K, of hard pasteboard, which receives directly the pressure of the operator on the iron handle E.

I make the handle B C of suitable size to be grasped conveniently, and inclose the majority of sad-iron handles, and inside of the lower section, C, I attach a spring, L, made, preferably in the form shown, of a bent plate of spring metal, which exerts its tension beneath the iron handle E to hold the upper section, B, firmly to the top of the handle, or, in other words, to keep the holder A firmly in place on the iron F, the spring yielding more or less to accommodate handles E of varying diameters, and the spring L also acts by its tension when the catch-plate G is drawn outside of the stud H to throw the sections B C open on their hinge D, for securing automatic release or separation of the holder from the sad-iron handle.

To the opposite ends of the lower section, C, of the holder I attach by its upper narrower portions, *m m*, the guard M, which gradually widens toward its lower part, which curves around below the section C a sufficient distance to admit the fingers of the operator between the guard and said section C, said guard M serving by its broad lower portion to shield or protect the hand grasping the iron from the heat rising from the body of the iron, which is a source of great annoyance and discomfort to the operator when allowed to radiate freely to the hand, and to make the guard M more effective in this respect I attach to its inner face a lining, O, of felt or other non-conductor of heat.

It will be seen that the end parts, *m m*, of the guard prevent contact of the operator's hand with either of the hot shanks *e e* of the iron handle, thereby preventing a burning of the hand by the shanks.

I show the handle portion B C of the holder cylindrical or of like diameter from end to end; but it may of course be made thicker or thinner at the middle than at the ends, and I do not limit myself to the precise constructions shown of the interior spring and the spring-catch or clasp, as these parts may vary in form within the scope of my invention, and the

sections B C may be formed of two or more thicknesses or layers of sheet metal, as will readily be understood.

The principal advantages of my invention may briefly be recapitulated, as follows:

The holder is soft and pleasant to the hand; it holds the iron firmly and will not slip from its handle, and may readily be taken from and applied to the iron handle by one hand; it will fit different sizes of iron handles, and the guard prevents touching of the shanks of the handle and protects the hand from the heat radiated from the body of the iron.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A holder for smoothing-irons, made with a handle portion consisting of two hinged sections and a clasp, and with a spring held to

one of the sections and constructed to bear on 20 the smoothing-iron handle, substantially as herein set forth.

2. A holder for smoothing-irons, consisting of the handle-sections B C, hinged together at D, and having a clasp as at G, and covered 25 outside with yielding material I, said section B having the layers J K of felt and pasteboard, respectively, secured at its inner surface, the spring L, attached to section C and adapted to press on the iron handle, and the guard M, 30 fixed by its ends *m m* to handle-section C, and curving lengthwise below it, and provided with a non-conducting layer, O, all substantially as herein set forth.

WILLIAM MATTHEWS MCINTYRE.

Witnesses:

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JAS. LIPPINCOTT.