K. E. KEELER.
Sad-Iron Stand.

No. 204,338. Patented May 28, 1878.

FIG. 1.

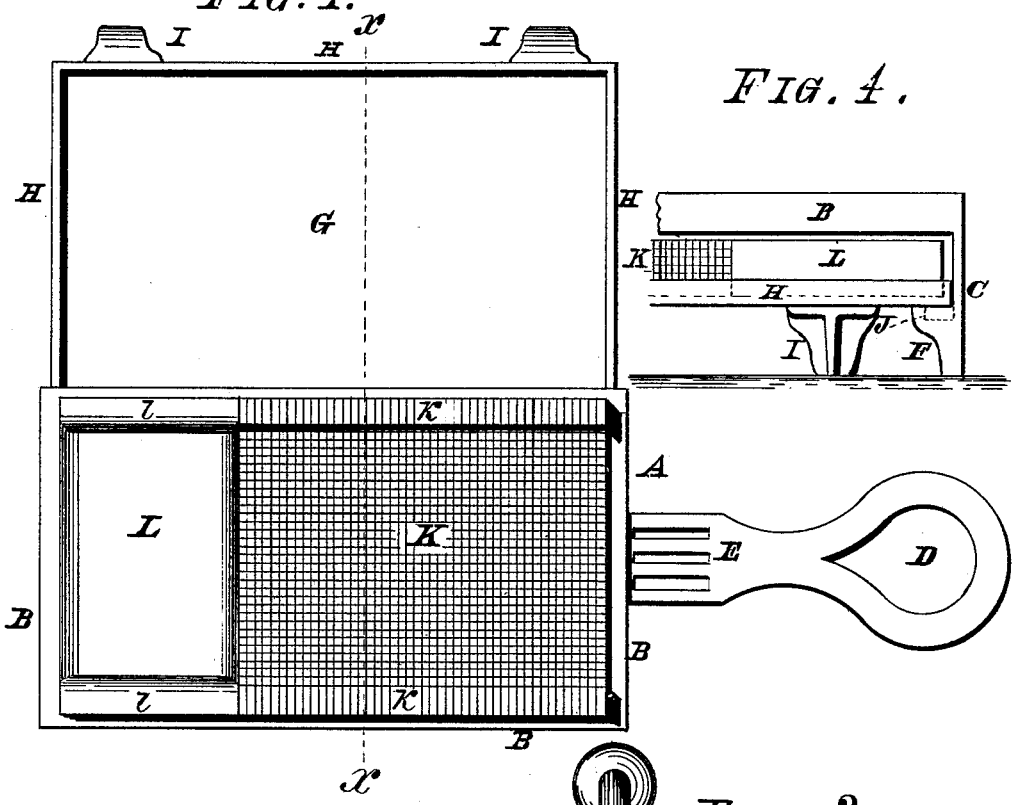


FIG. 4.

FIG. 2.

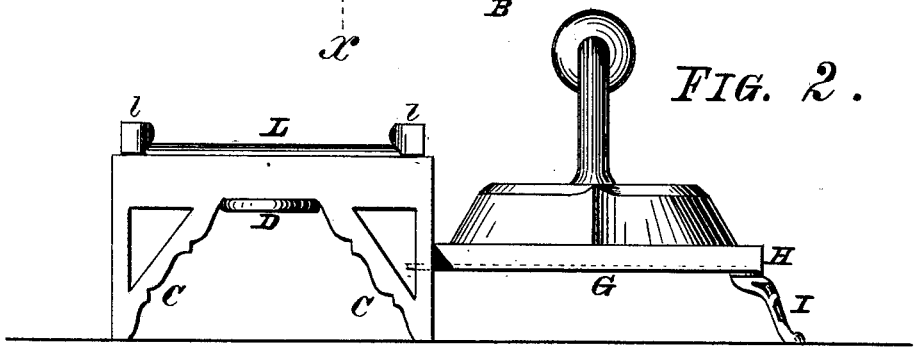
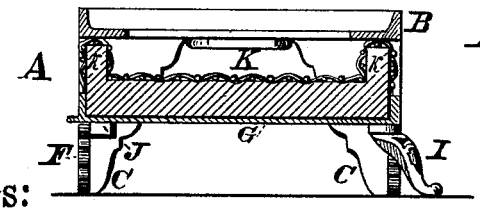


FIG. 3.



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UNITED STATES PATENT OFFICE.

KITTIE E. KEELER, OF APULIA, NEW YORK.

IMPROVEMENT IN SAD-IRON STANDS.

Specification forming part of Letters Patent No. **204,338**, dated May 28, 1878; application filed March 23, 1878.

To all whom it may concern:

Be it known that I, KITTIE E. KEELER, of Apulia, in the county of Onondaga and State of New York, have invented certain new and useful Improvements on a Combined Sad-Iron Cleaner and Stand; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has special reference to a combined sad-iron cleaner and stand; and it consists in the peculiar arrangement of parts and details of construction, as hereinafter first fully set forth and described, and then pointed out in the claims.

In the drawings heretofore mentioned, Figure 1 is a plan of my improved sad-iron cleaner and stand. Fig. 2 is an end elevation of the same. Fig. 3 is a transverse sectional elevation in line X X of Fig. 1, but with stand slid into frame. Fig. 4 is a fragmental front elevation.

Like letters of reference indicate corresponding parts in all the figures.

A is a metallic skeleton frame, having on its top the raised rim or projection B, and on its bottom side four supports, C. It is provided with a handle, D, having slots E, to diffuse the heat of the frame A and prevent it from being communicated to the handle D. The supports C have projections F, upon which is slid the plate G. This plate is provided with a raised rim or projection, H, similar to that on the frame A, and also with two supports, I, on its forward end, it being arranged to rest and slide upon the projection F with the opposite end. To the lower side of this plate are fixed lugs J, serving as stops for the sliding plate G.

Upon the frame A are placed two pads, K L, respectively constructed of suitable material—wood answering the purpose perfectly well—and made with projecting sides *k l*, respectively. The pad K is covered with woven-wire cloth of suitable metal on its top surface and the inner sides of the projections *k*, said wire-cloth being fastened in any suitable manner.

The pad L is composed of an inner layer of wadding covered with heavy woolen cloth, and covered with a removable layer of light woolen or cotton cloth, chamois-skin, &c.

The object of the device heretofore described is to furnish a ready means for cleaning hot sad-irons, and to serve as a stand for the same, and this is all accomplished in the following manner.

The parts being arranged as shown in the plan, Fig. 1, the hot irons are first rubbed over the pads, where they are perfectly scraped off by the pad K and cleaned by the pad L, and they may then be placed upon the platform G, which, in this case, serves as a sad-iron stand. The pads, being constructed as described, free the irons from any attached particles of starch, &c., and, on account of the wire-covered pad, scrape the same perfectly clean and smooth, while the cloth pad removes any trace of dirt or other impurities that may be still adhering to the iron.

Owing to the elevation *k* being also covered with wire-cloth on the inner opposite sides, the edges of the iron are cleaned as well as the face or smoothing-surfaces, and this device has therefore overcome one of the greatest troubles in laundrying—viz., the keeping the irons clean and smooth and free from starch and other substances used in ironing.

It will be observed that the platform G for the sad-iron is constructed with a solid bottom, having the elevations H, upon which said iron rests. The iron is thus raised from said bottom, and, a stratum of air being interposed between the iron and base, serves as a non-conductor of heat, and the sad-iron is thereby kept hot for a longer space of time than upon the common perforated stands, which, being good conductors of heat, abstract a considerable quantity thereof from said irons.

When not in actual use the pads K L are placed upon the platform G, which they fit a good fit, and this bed G is then slid into the stand A, between the supports C, resting upon the projections F. In this manner the bulk of my apparatus is reduced to that of an ordinary flat-iron stand, and may thus be conveniently stored away or hung up by the perforated handle D.

The projections J, hereinbefore described, serve as stops to prevent the platform G being

entirely withdrawn from the stand A, they being arranged to strike the front or rear projections F on the supports C, and thus arrest the movement of said plate G.

It is obvious that the entire apparatus can be readily produced, in the process of casting, of gray iron, and that its cost is not much in advance of that of a common sad-iron stand.

Having thus fully described my invention, I claim—

1. In a combined sad-iron cleaner and stand, the skeleton frame A, having the elevations B and supports C, with the projections F, in combination with the platform G, arranged to slide into the frame upon the projections F, as specified.

2. A combined sad-iron cleaner and stand, consisting, essentially, of the skeleton frame A, having the elevations B and supports C, the ridged pad K, cloth pad L, and the platform G, arranged to slide into the frame upon the projections F, said platform being arranged to retain the pads K and L when not in use, in the manner as and for the purpose specified.

3. A scouring-pad for sad-irons, having the base K and the inner sides of the projections *k* covered with wire-cloth, whereby the base and the edges of a sad-iron can be scoured by passing the said iron over the base between the elevations *k*, as and for the object specified.

In testimony that I claim the foregoing as my invention I have hereto set my hand and affixed my seal in the presence of two subscribing witnesses.

KITTIE ELIZABETH KEELER. [L. S.]

Attest:

MICHAEL J. STARK,

Mrs. FRANCES L. K. BARNES.