

W. B. Mason,
Sadd Iron Holder.
No. 100,649. *Patented Mar. 8. 1870.*

Fig. 2.

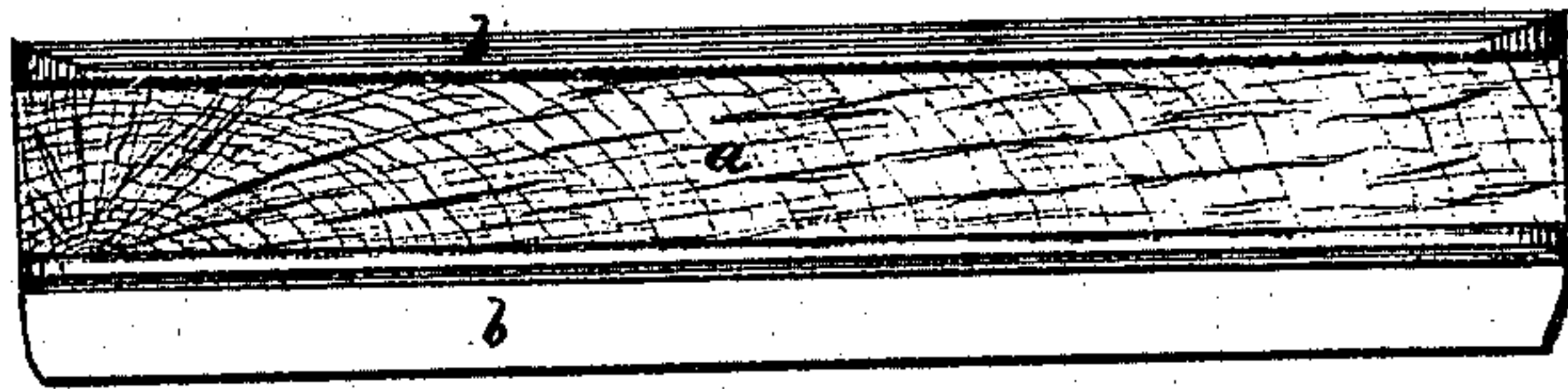
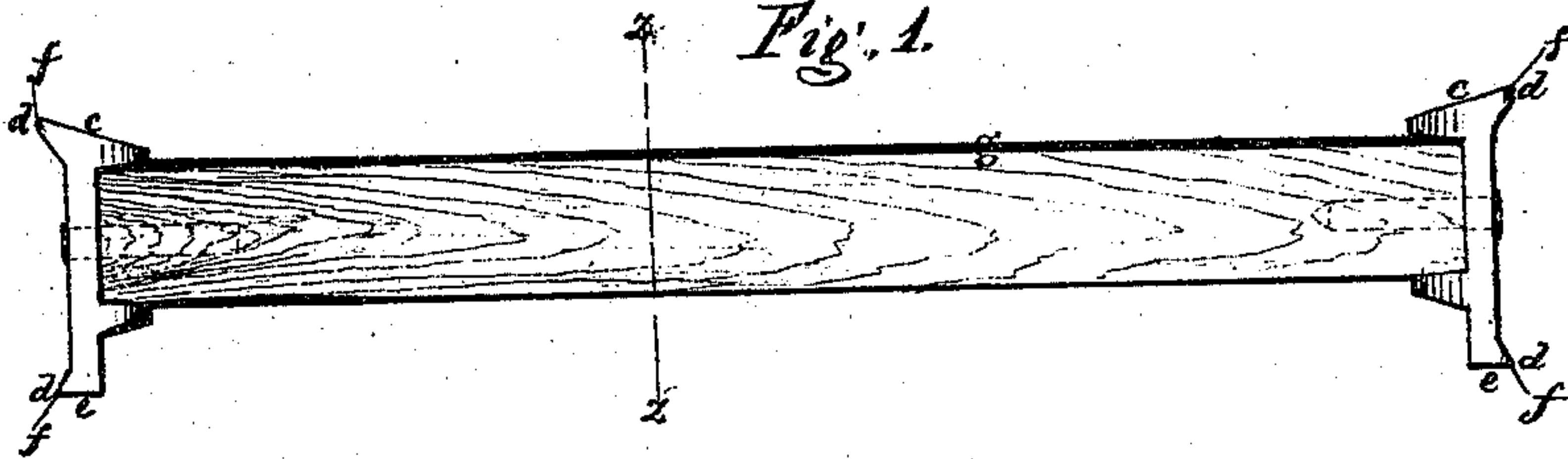


Fig. 1.



Witnessed { *J. F. Beale,*
W. E. Chaffee.

Wm W. B. Mason
by his Attorneys,
Crosby, Habited & Gould.

United States Patent Office.

WILLIAM B. MASON, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 100,649, dated March 8, 1870.

IMPROVED FLAT-IRON POLISHER AND HOLDER.

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, WILLIAM B. MASON, of Boston, in the county of Suffolk, and State of Massachusetts, have invented an Improved Flat-Iron Cleaner, Polisher, and Holder; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

This invention is an improvement upon that patented to me March 2, 1869, under the number 87,503, my present invention relating to a mixed construction of wood and iron, which has advantages of strength, lightness, and cheapness.

The drawings illustrate my present invention.

Figure 1 being a side elevation of my improvement, and

Figure 2, a cross-section, taken in the plane of the line *z z*, seen in fig. 1, and showing what appears in elevation beyond.

The central part *a* of the utensil is of wood, which may be surfaced on one or both sides with emery-paper or cloth, or with a coating or coatings of any suitable pulverized abrasive material, and the wood is held from warping by the application to each end, crosswise of the grain of the wood, of clamping or holding-bars of iron, *b b*, so arranged that, in warping, the wood must bend the bars. These bars are preferably made of cast-iron, with inwardly-projecting flanges, which project over the wood and are driven thereupon and are held from displacement by nails or screws.

The iron bars are ground on the surfaces at *c, d, d*, and *e*, so as to leave sharp angular edges at *f f*, over which the face of a flat-iron can be moved to scrape off any starch or other foreign substance adhering to such face, which can then be polished or brightly

scoured by rubbing the flat-iron across the abrasive material *g*, between the bars *b b*. These bars serve for rests on which to let the flat-iron remain when temporarily not in use, and may be made to project any height desired above the wood, the distance apart of the bars not being so great as the length of a flat-iron, and greater than the width thereof, so that it can be rubbed freely across the abrasive surfacing of the utensil.

It will be seen that the abrasive surfacing can be easily renewed on either or both sides when worn out; that the utensil is light both in handling and for transportation; that it packs closely, and is not apt to break or to do damage in falling; also, that either side up, it presents a support for a flat-iron, and two sharp scraping-edges, so that the device, while serving all the purposes of that shown in my before-named patent, is an improvement upon it in several of the respects mentioned.

The wood, being a non-conductor of heat, can be handled without inconvenience, after a hot flat-iron has been standing upon the bars, while in my old construction, which was entirely of metal, the whole became so much heated by absorption and conduction from a hot flat-iron, that it could not at times be moved without the use of a holder. Moreover, my patented construction had but two scraping-edges and one abrasive-surface holder, while in my present improvement said parts are doubled in number at a less cost. I claim, a flat-iron holder, scraper *f*, and polisher *g*, constructed of wood and iron, and arranged substantially as and for the purpose specified.

W. B. MASON.

Witnesses:

J. B. CROSBY,
FRANCIS GOULD.