F. L. AST.

FLATIRON.

APPLICATION FILED MAR. 9, 1920.

1,376,242. Patented Apr. 26, 1921.

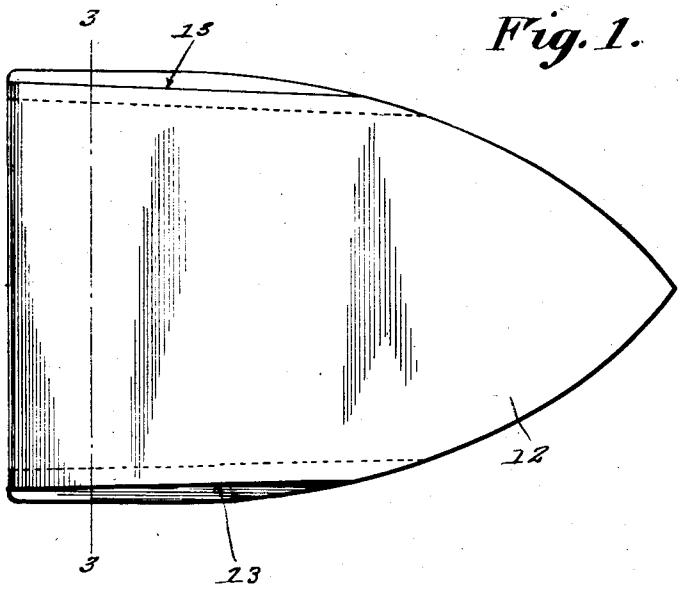


Fig. 1.

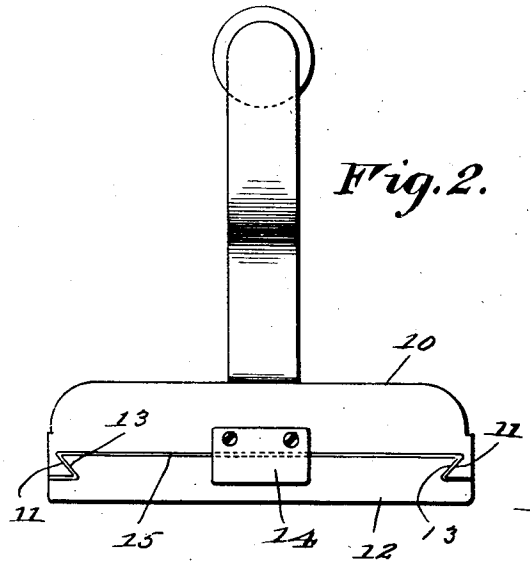


Fig. 2.

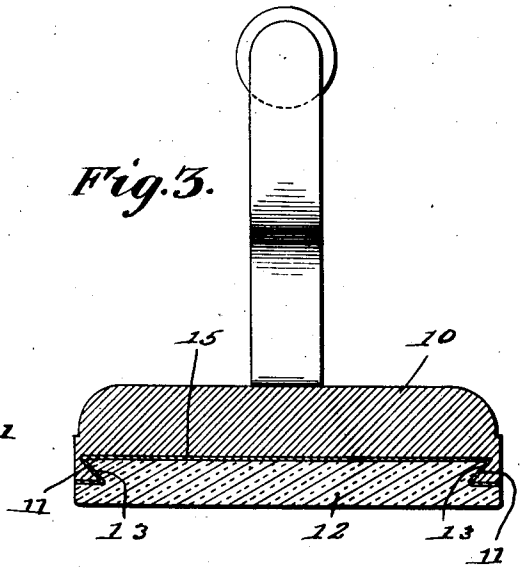


Fig. 3.

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WITNESSES

UNITED STATES PATENT OFFICE.

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FLATIRON.

1,376,242. Specification of Letters Patent. Patented Apr. 26, 1921.

Application filed March 9, 1920. Serial No. 364,495.

To all whom it may concern:

Be it known that I, FRITZ L. AST, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Flatirons, of which the following is a specification.

This invention relates to flat irons and has for its object the provision of a flat iron which is constructed principally of iron and which is provided at its lower portion with a bottom formed of glass, the advantage being that glass is smoother than iron, remains smooth, and does not require polishing. Another advantage is that glass is more easily formed smooth in the first place than iron.

An additional object is the provision of an iron of this character which will be simple and inexpensive in manufacture, highly efficient in use, durable in service when properly handled, and a general improvement in the art.

With the above and other objects and advantages in view the invention consists in the details of construction to be hereinafter more fully described and claimed, and illustrated in the accompanying drawing in which—

Figure 1 is a plan view of an iron constructed in accordance with my invention,

Fig. 2 is a rear elevation, and

Fig. 3 is a cross sectional view.

Referring more particularly to the drawings, the numeral 10 designates the body of the so-called iron which is formed of iron of the usual or any other desired shape and this body is provided with grooves 11 formed in its sides. The body is cast as is the ordinary iron but requires no finishing whatever. The numeral 12 designates the glass bottom which is molded with a rib 13 on each side adapted to engage within the grooves 11 within the body. Any suitable catch or lock 14 may be provided for preventing withdrawal of the body from the glass bottom after assembling. If preferred, the glass bottom 12 may be molded directly onto the iron body in which event the catch 14 would become unnecessary. Owing to the difference in expansion of glass and iron, it may be found advisable to interpose a backing 15 of asbestos between the body and the glass bottom.

In the use of an iron constructed as above described, it will be obvious that the operation will be the same as that of any other iron and the advantage of this structure over the well known old structures is that glass is smoother and remains smoother longer than iron and therefore will not require as much polishing or waxing to prevent sticking to the articles to be ironed. Another feature is that the provision of the glass body renders it unnecessary to perform the expensive operation of finishing or dressing the bottom of the iron body. It is of course to be understood that an iron constructed in accordance with my invention should not be needlessly thrown around as it is possible that the glass might break during rough usage, though the glass should be made sufficiently thick to withstand ordinary wear.

While I have shown and described the preferred embodiment of my invention, it is of course to be understood that I reserve the right to make such changes in the form, construction, and arrangement of parts as will not depart from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:

A flat iron comprising a body formed at its side edges with depending undercut flanges defining a longitudinal groove dovetailed in cross section, said flanges and grooves intersecting the curved sides of the iron at points spaced rearwardly from the point of the iron body, a detachable bottom of the same size and shape as the bottom of the body and having at its side edges grooves for conforming engagement with said flanges, all the edges of the detachable bottom being flush with the edges of the body, and a retaining plate secured upon the rear end of the body and engaging against the rear edge of the detachable bottom.

In testimony whereof I affix my signature.

FRITZ L. AST.