E. E. GORE.

IRONING-TABLE.

No. 186,038. Patented Jan. 9, 1877.

Fig. 1.

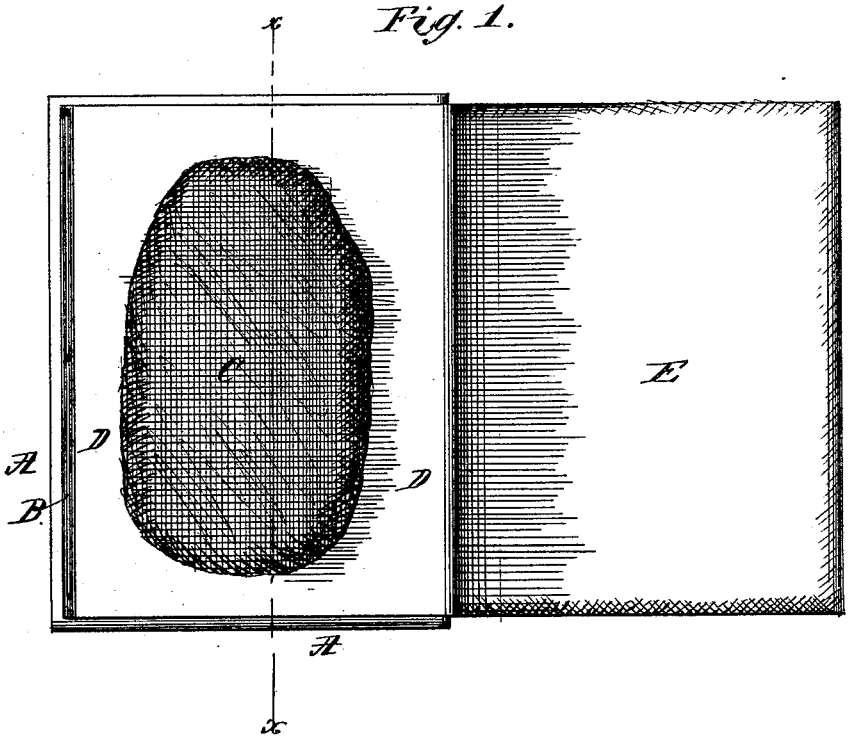
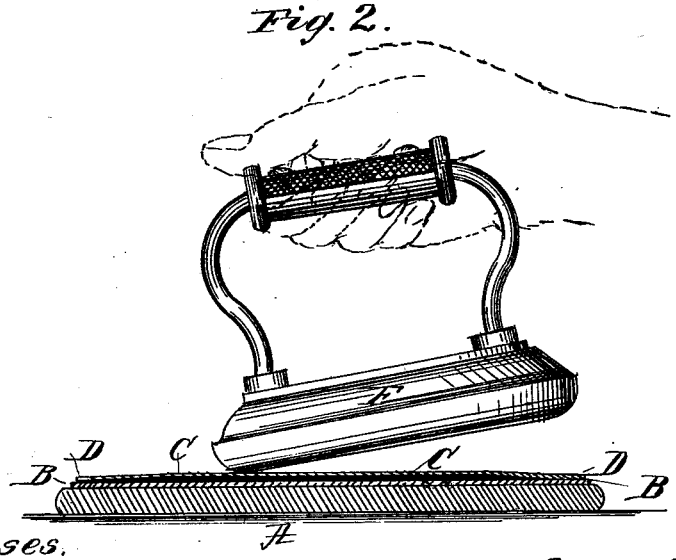


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

EMORY E. GORE, OF ATCHISON, KANSAS.

IMPROVEMENT IN IRONING-TABLES.

Specification forming part of Letters Patent No. **186,038**, dated January 9, 1877; application filed August 22, 1876.

To all whom it may concern:

Be it known that I, EMORY E. GORE, of Atchison, in the county of Atchison and State of Kansas, have invented certain new and useful Improvements in Polishing or Glossing Starched Fabrics; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

In the accompanying drawings, Figure 1 is a top view of my paraffine pad. Fig. 2 is a cross-section of the same with the heel of the sad-iron F applied thereto.

My invention consists in an improvement in paraffine pads to be used in polishing or glossing shirt-bosoms and other fabrics, which will be fully understood by the following specification.

In polishing or glossing fabrics already starched I have found that a coating of paraffine upon the hot iron or polisher is an admirable lubricator of the starched fabric, and greatly lessens the work of glossing by allowing the iron to slide easily and smoothly upon the moistened surface of the fabric, which thus receives an excellent finish, free from any wrinkles or imperfections in the ironing, and also free from stiffness, giving both greater flexibility and durability to the shirt-bosom or other fabric.

In the application of my improvement I employ a paraffine pad. (Seen in the drawings.) This consists of a smooth board, A, upon which a piece of cotton-cloth or other suitable fabric is smoothly tacked, as seen at B, Fig. 2. I then scrape or shave a piece of paraffine, and let the shavings fall upon this pad. Now I spread a second thickness of the same fabric over these paraffine shavings, as shown at D, Fig. 2. This second thickness of fabric may have a flap, E, Fig. 1, which serves as a drying-pad, and also may be thrown over the paraffine as a cover for the pad when not in use. By passing or rubbing the hot iron over the paraffine shavings, the latter is melted, thus forming the complete pad, as seen in the drawings at C, Fig. 1.

In polishing shirt-bosoms, which is difficult on account of plaits, I employ an iron with a rounded heel, and this rounded polisher must be handled in an unusual manner, as will now be described.

The shirt-bosom or fabric should first be starched and ironed in the usual manner. Then spread the shirt-bosom upon a smooth ironing-board, covered by only one thickness of fine fabric, and with a sponge or wet cloth slightly and evenly moisten the starched surface. Now rub the rounded heel of the hot iron upon the paraffine pad C, as seen in Fig. 2, to coat the heel of the iron with paraffine. Then gently wipe the coated heel upon the flap or drying-pad E, Fig. 1, to avoid an excess of paraffine, and quickly apply the rounded heel of the iron to the shirt-bosom with heavy pressure, working the heel crosswise of the plaits, so as to rub every part, not only the plaits, but also between the plaits, until the entire surface is dry, the rounded heel or knuckle of the iron being moved rapidly back and forth, similar to the movement of a polisher in burnishing metals.

In factories, or for polishing or glossing an entire web of any fabric, I apply the paraffine in a similar manner, by means of a small roller or rounded polisher worked with a sliding and reciprocating motion on the surface of the fabric.

My improvement may be applied to glossing paper collars or card-board, and other similar materials. I have also tried spermaceti, stearine, white wax, and other substances and mixtures thereof, and in some cases I have obtained therewith a good gloss or polish on the starched surface. Sometimes I have mixed a little stearine with the paraffine to increase the fusibility.

Having thus described my invention, I claim—

The above-described paraffine pad C, consisting of board A and pad D, with a layer of paraffine spread between, substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

EMORY E. GORE.

Witnesses:

DANIEL BREED,

THOMAS C. CONNOLLY.