

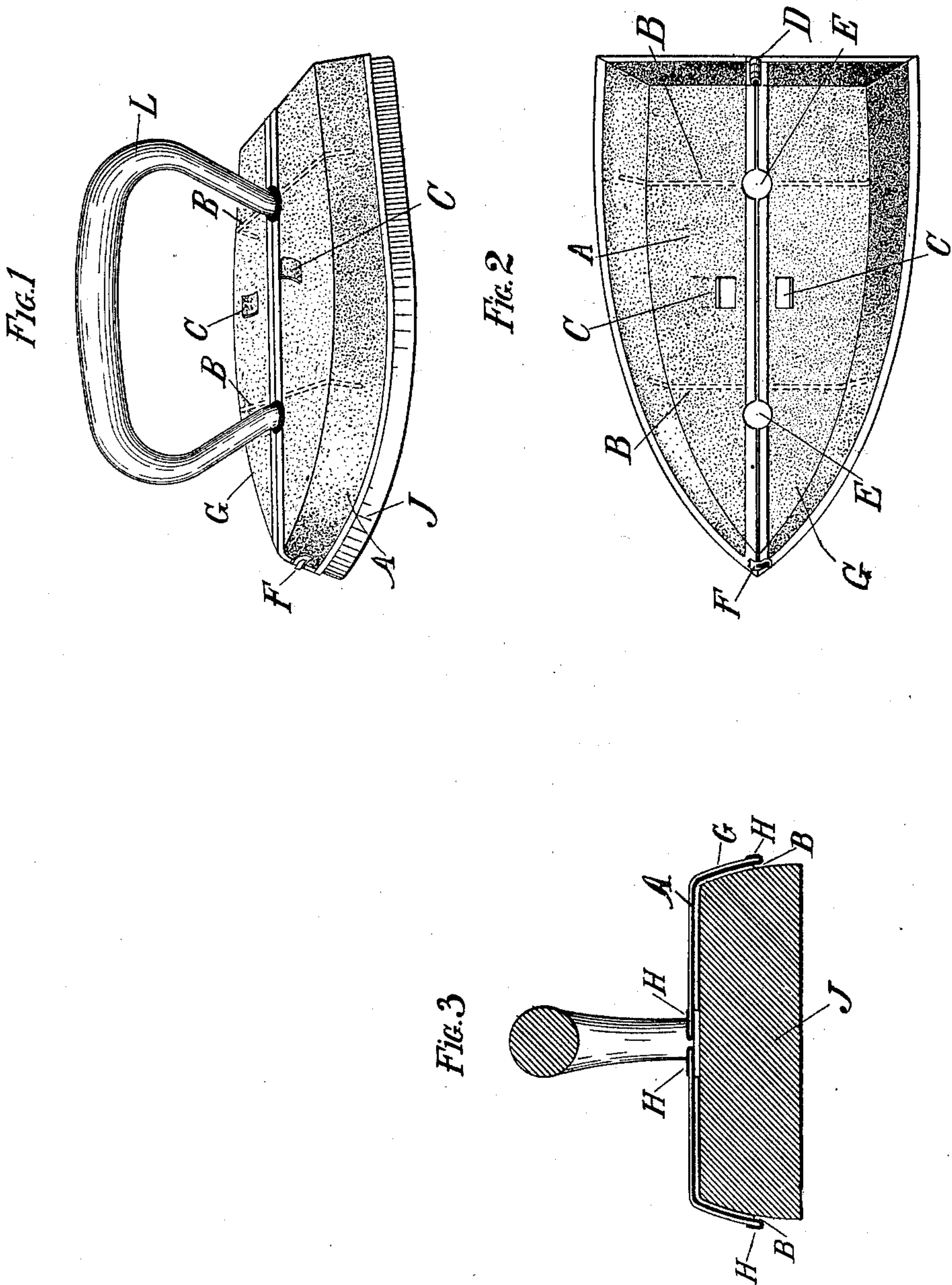
No. 626,286.

Patented June 6, 1899.

J. B. MILLER.
PROTECTING SHIELD FOR FLAT IRONS.

(Application filed Dec. 9, 1898.)

(No Model.)



Witnesses
Benjamin Miller.
M. Hanson Dyer.

John Ballant Miller Inventor
By his Attorney
Ken, Page & Cooper

UNITED STATES PATENT OFFICE.

JOHN BALLARD MILLER, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM CRUGER CUSHMAN, OF SUMMIT, NEW JERSEY.

PROTECTING-SHIELD FOR FLAT-IRONS.

SPECIFICATION forming part of Letters Patent No. 626,286, dated June 6, 1899.

Application filed December 9, 1898. Serial No. 698,712. (No model.)

To all whom it may concern:

Be it known that I, JOHN BALLARD MILLER, of New York, borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Protecting-Shields for Flat-Irons, of which I declare the following to be a full, clear, and exact description, reference being had to the accompanying drawings, in which like letters of reference indicate corresponding parts.

My invention is designed to prevent the radiation of heat from smoothing-irons of all descriptions and is applicable alike to a sad-iron, a hatter's iron, a tailor's goose, or other iron which is heated for use in smoothing or polishing the surfaces of fabrics.

My shield serves the double purpose of delaying the cooling of the iron by retarding the radiation of heat therefrom and of protecting the hand of the user.

In the accompanying drawings, Figure 1 shows in perspective an iron with my invention applied to it. Fig. 2 is a top plan view of the shield detached. Fig. 3 is a cross-section of Fig. 1 midway of its length.

A represents a case or cover made of any suitable metal or other substance, which follows in contour the outline of the smoothing-iron J and which fits over the sides of the iron, as shown in Fig. 1. I prefer to make the metal cover A in two corresponding parts, which fit together along the central longitudinal line from D to F of Fig. 2. The cover A is provided with holes, as E E, for the ends of the handle L of the iron. The cover is made in two parts, and a permanent hinge D is provided at the rear end and a clasp F at

the forward end or point of the cover, so that upon loosening the clasp F the halves of the shield may be swung outwardly upon the hinge D, and thus removed from the iron.

The shield A is provided, as shown in Fig. 2, (see the dotted lines in Figs. 1 and 2) with ribs B B, which rest upon the body of the iron J, thus providing an air-space between the body of the iron and the sheet-metal shield A.

The shield is provided with a covering G of asbestos or other suitable non-conductor of heat, the edges H H of the metal being turned over and bent down to protect the covering G. Lugs, as C C, preferably formed of a suitable fabric covered with asbestos, may be provided for lifting the shield.

Other forms of shields adapted to the many kinds of smoothing-irons in ordinary use may be made without departing from my invention.

It is obvious that the asbestos or other covering may be applied inside as well as outside the metal body A.

What I claim as my invention is—

A protecting-shield for smoothing-irons, composed of a metal body divided in two lengthwise, the parts thereof being hinged together at one end and adapted to be fastened at the other end, each of said parts having a series of ribs upon its interior and a non-conducting covering, said shield being provided with projecting lugs, substantially as and for the purposes described.

JOHN BALLARD MILLER.

Witnesses:

M. LAWSON DYER,
DRURY W. COOPER.