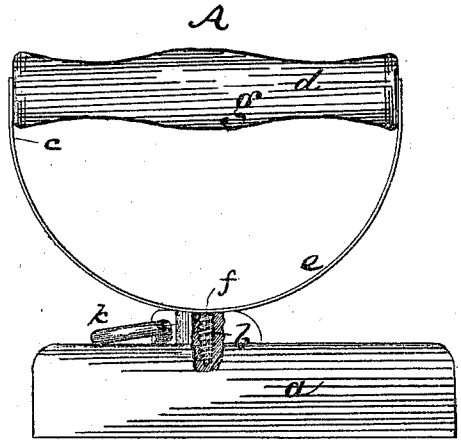
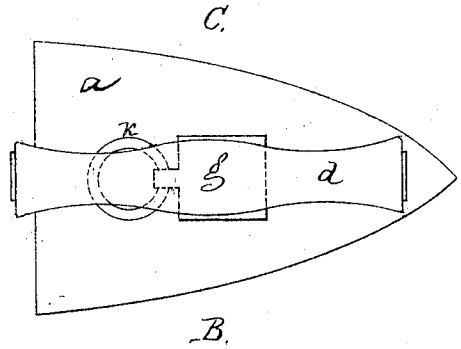
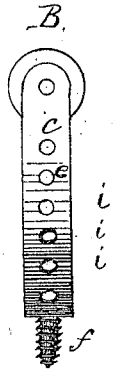
P. T. WILBUR.

Improvement in Flat-Irons.

No. 128,936. Patented July 9, 1872.







Witnesses.
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UNITED STATES PATENT OFFICE.

PHILIP T. WILBUR, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN FLAT-IRONS.

Specification forming part of Letters Patent No. 128,936, dated July 9, 1872.

To all whom it may concern:

Be it known that I, PHILIP T. WILBUR, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Flat-Irons; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

In common flat-irons or sad-irons the handles are generally made of metal, and form fixed parts of the flat-irons, "holders" having to be used to shield the hand from the heat of the handle. Wooden handles have sometimes been used to cover the metal, but in such cases the handle is a permanent fixture to the iron and is liable to get burned in heating the iron.

In my invention I make the handle of wood or with a cross-rod covered with wood, the opposite ends of the rod being fixed to the opposite ends of a bow-shaped metal plate, at the center of which is a sharp pitched screw that, by one or two rotations, is fixedly connected to the flat-iron, the screw turning into a nut-thread extending down into the top of the flat-iron. It is in this construction that my invention consists, or in a removable handle the handle-rod of which is covered with wood to form the hand-grasp.

The drawing represents, in sectional elevation at A, a flat-iron having my improved handle attached thereto. B shows the handle.

a denotes the flat-iron, made of the usual form, and having a central nut-threaded socket, *b*. *c* denotes the handle, formed with a rod, *d*, to the opposite ends of which the two upwardly-extended ends of a bent plate, *e*, are fastened, this plate having fixed to it at its center a screw, *f*, that enters and fastens into the socket *b*. The rod *d* runs through a tubular wooden handle, *g*, made of sufficient size to form a convenient hand-hold by which to use the implement in ironing. The wood protects the hand from the effects of the heat, and by attaching it to the bow *e* and the bow to the iron, by a screw or other connection which permits the handle to be easily applied to and disconnected from the iron, the handle may be used for a whole set of irons. To protect the connecter-plate or bow *e* from great heat it is made with holes *i* that lessen the amount of heat-conducting and heat-radiating surface. A ring, *k*, may be attached to the iron to enable it to be moved without applying the handle.

I claim—

The flat-iron handle, constructed as described—that is, with the openings *i*, for the purpose set forth, and with a screw, *f*, whereby the same may be attached to and detached from the iron.

PHILIP T. WILBUR.

Witnesses:

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