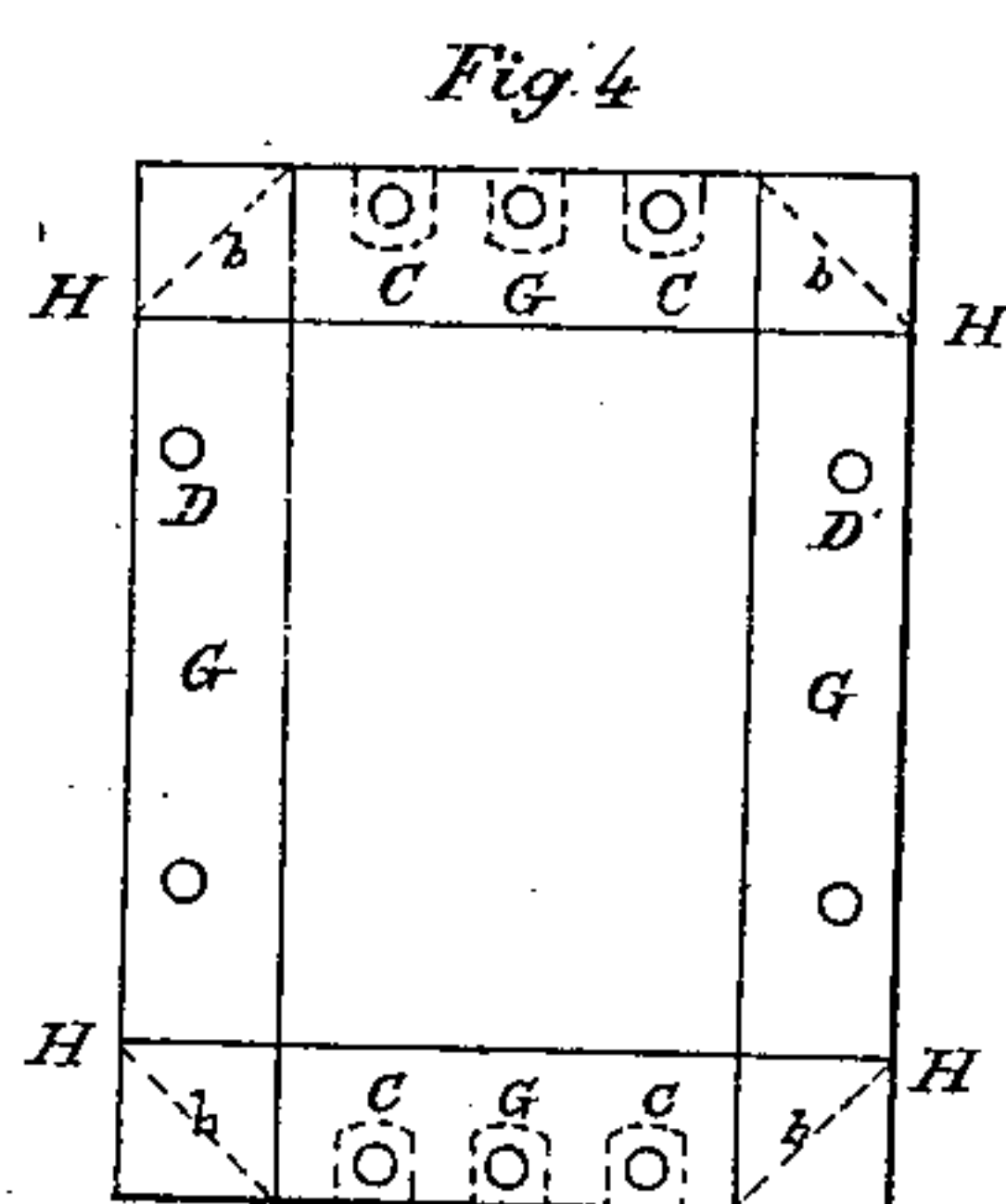
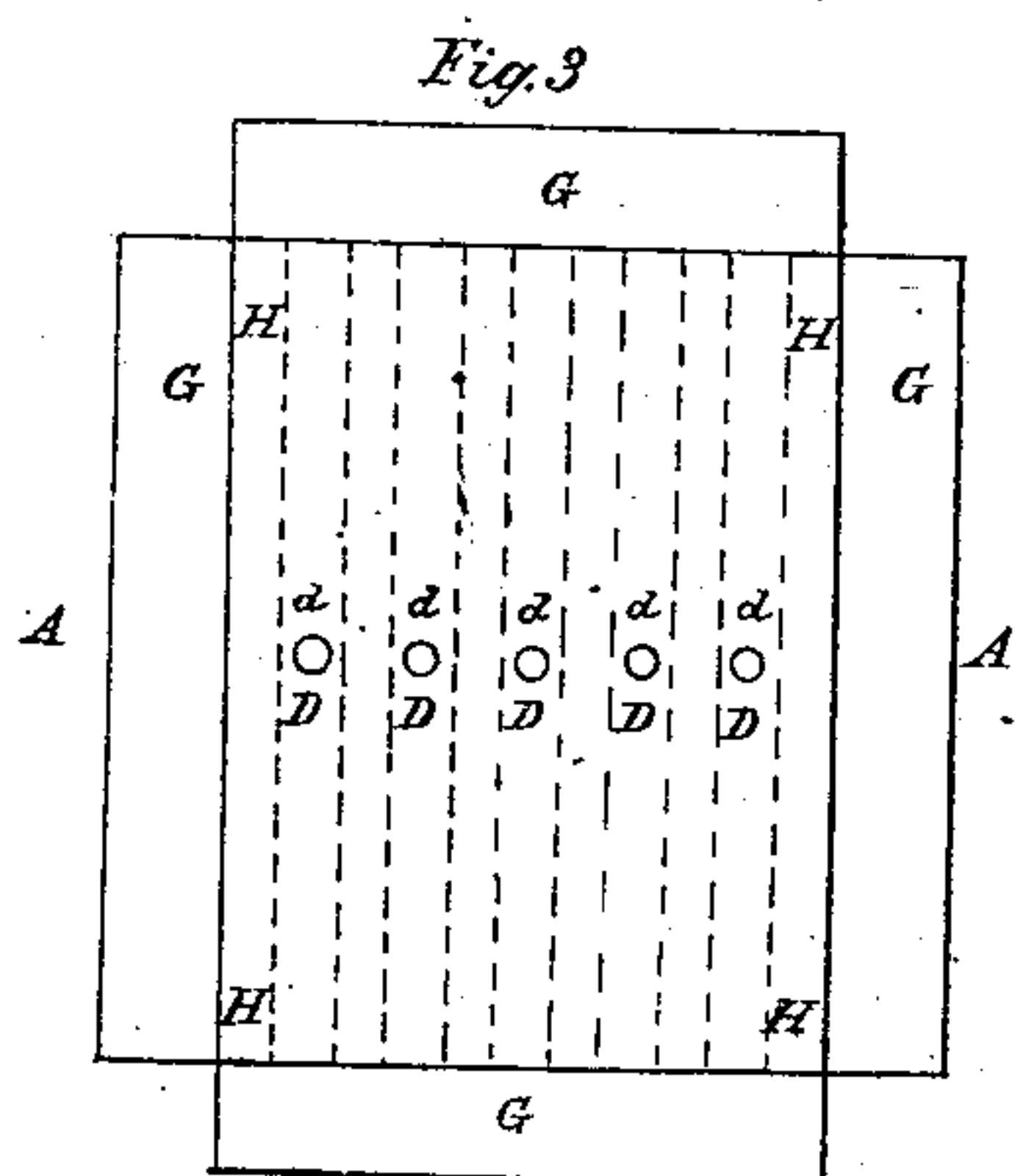
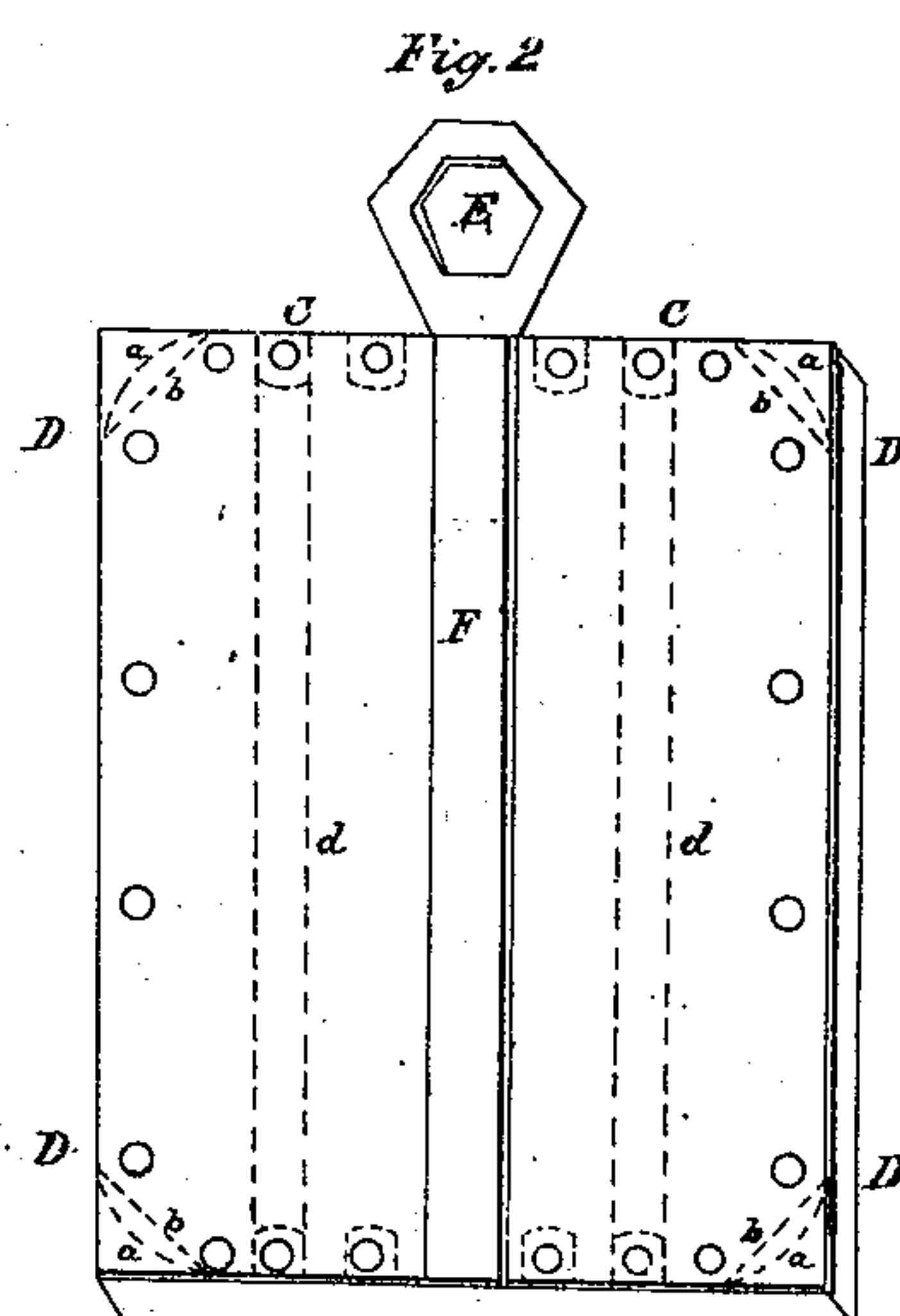
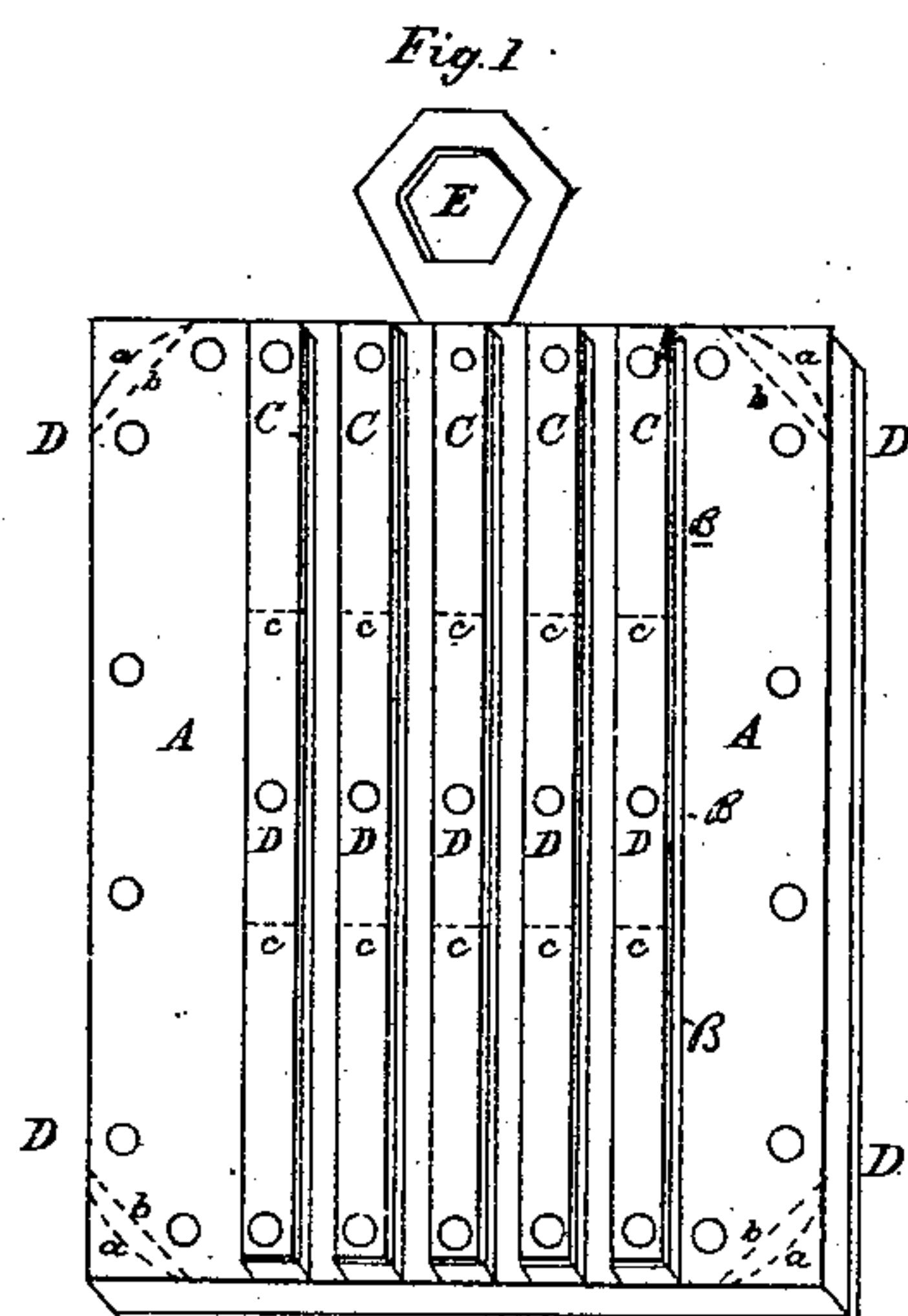


No. 52,140.

PATENTED JAN. 23, 1866.

W. B. COATES.
IRON HOLDER.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM B. COATES, OF PHILADELPHIA, PENNSYLVANIA.

IRON-HOLDER.

Specification forming part of Letters Patent No. 52,140, dated January 23, 1866.

To all whom it may concern:

Be it known that I, WILLIAM B. COATES, of Philadelphia, in the county of Philadelphia, in the State of Pennsylvania, have invented a New Riveted Wood-and-Metal-Lined Fire-Proof-Covered Iron-Holder, for handling hot irons for ironing or pressing, &c.; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a perspective view of under side; Fig. 2, perspective view of upper side. Figs. 3 and 4 are constructing plans.

The nature of my invention consists in constructing a riveted wood-and-metal lined fire-proof-covered iron-holder, the stay-pieces A being covered on the under side with strips of wood faced with metal, (zinc preferred,) and wool or cotton cloth over the upper side, and finished with a fancy covering, the whole being riveted together.

This holder is for tailors, ironers, forges, furnaces, rolling-mills, kitchen-ranges, and for use in iron-stores to save the wear and tear of the hands.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my holder of all proper or known materials suitable for the purpose, and with square, cut off, or rounding corners. The stay-pieces A A are mostly of linen or cotton duck, and can be square, oblong, or other shape. I partially fire-proof the stay-piece by boiling for fifteen minutes in a preparation of one pound of ground alum to one gallon of soft water. A proper allowance for shrinking should be made of at least one-quarter of an inch. The lap or turn-down G should be one-half of an inch after boiling. I rivet on the five or more wood-and-metal faced strips in the center of stay-piece A first, leaving the heads on the under side, and clinching on washers or the contrary, as may be desired. The strips should sit in an iron block while being riveted, to keep them straight. The woolen thicknesses are then placed on the top of the rivet-heads or washers, the flap G is turned down, and the fancy top can be put on and the whole riveted through. The wool thicknesses are riveted at the edges around, but in the middle prevent the rivet-heads or washers from hurting the

hand. This is the first and general way of manufacturing, the wood and metal strips being the same length as the holder.

The second mode of constructing consists in bending down the top and lower ends of the metal facing, as shown by the dotted ends of C, Fig. 2, and riveting through to the under side, and extending the metal in two or more places over the top, as shown by dotted lines *d d*, Fig. 2.

The third mode consists in bending down the metal facing C onto the lap G after the woolen thickness or thicknesses are in, and then placing the fancy top on. This allows the thickness of the top to be over the metal. This third mode (without top) is shown by the dotted ends of C, Fig. 4. I rivet a loop, E, at either top or lower part in the center. The hand-strap F is riveted by the one or three center rivets at top and bottom.

I do not intend to confine myself to any certain number of wood or metal strips or any particular kind of rivets or number. I intend to make some holders with metal strips alone.

The holder is as pliable as any old-fashioned kind. The strips encircle the handle of the smooth-irons and prevent the heat from burning the hand or the holder, in connection with the partial fire-proofing, and the riveting prevents the holder from coming apart, as a sewed one does. In the foundries the strap F is placed over the hand and prevents the holder from dropping. It can, however, be carried by a strap or cord around the waist, or run up on the arm, so as to be always ready. The loop E is only on those for house use, to hang them up by. The strap F is not on those intended for woman's use.

My holder will last a long time. It can be sold cheaply.

What I claim as my invention, and desire to secure by Letters Patent, is—

The application of wooden strips B, covered or faced with metal C, riveted or secured to a fire-proof stay piece or pieces, A, for the purposes of handling hot or cold iron, the whole being constructed in the manner and for the purposes as already fully described and set forth in the foregoing specification.

WILLIAM B. COATES.

Witnesses:

A. L. ROGERS,
V. S. ROGERS.