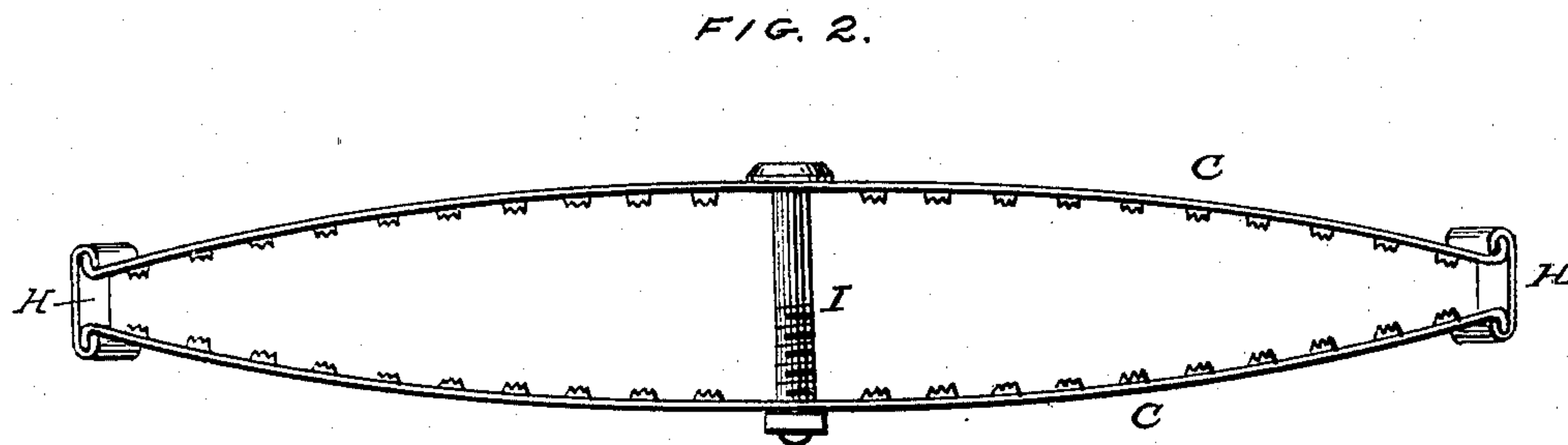
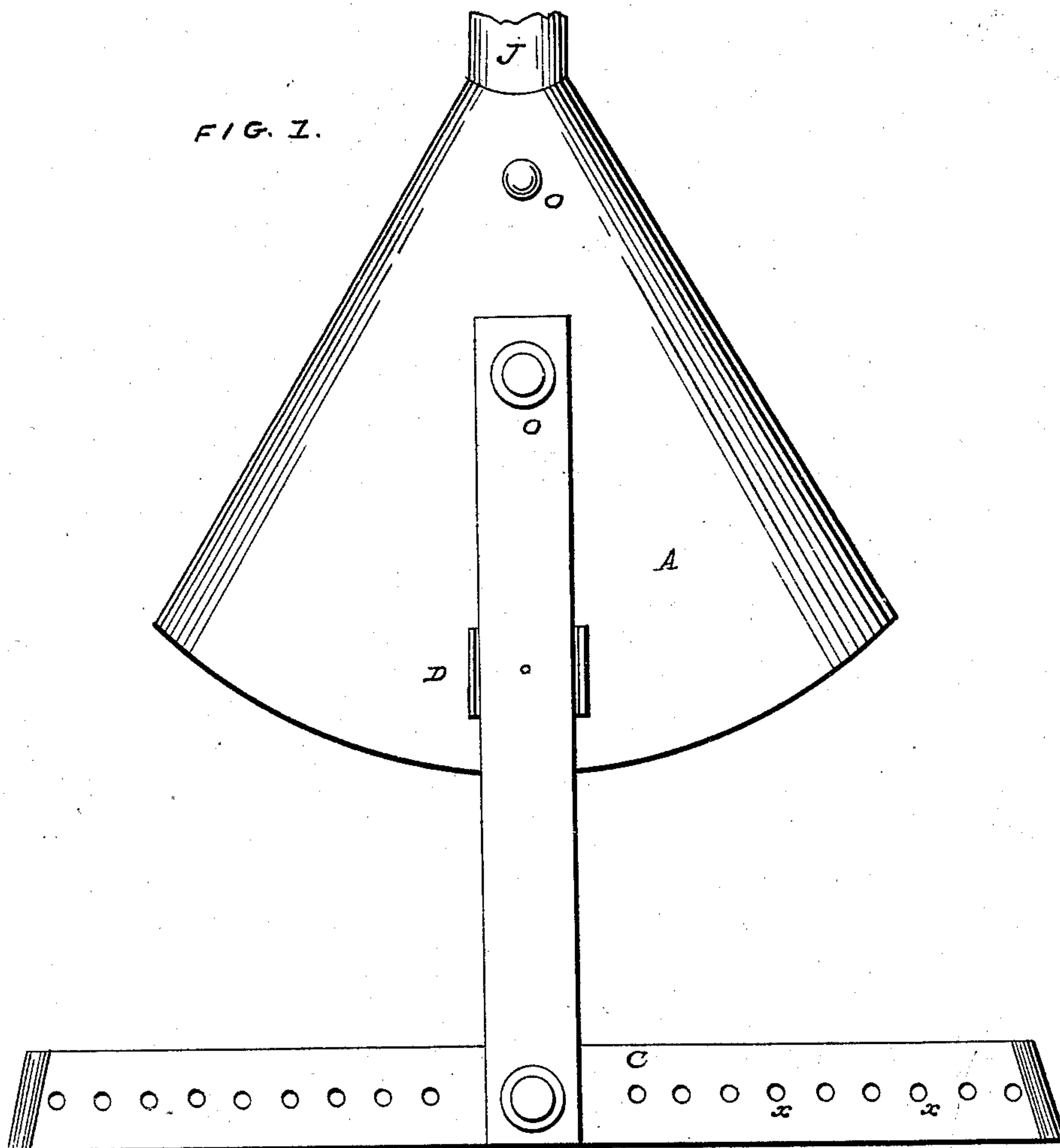


H. BUCK,
Broom Head.

No. 54,498.

Patented May 8, 1866.



WITNESSES:

John P. Jacoby
Charles Alexander.

INVENTOR.

Henry Buck
per
Alexander & Mason
Attys

UNITED STATES PATENT OFFICE.

HENRY BUCK, OF HARRISBURG, PENNSYLVANIA.

IMPROVED BROOM-HEAD.

Specification forming part of Letters Patent No. 54,498, dated May 8, 1866.

To all whom it may concern:

Be it known that I, HENRY BUCK, of Harrisburg, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Broom-Heads; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents the socket of the broom, which is made of tin or sheet metal, and made in such a form as to cover the butts of the broom-corn and hold them in proper position about the handle. This socket is made to fit snugly around the handle and to flare as it extends down, to suit the shape in which brooms are usually made.

B B represents two metallic straps, which are pivoted through the socket and handle of the broom and extend down below it on each side.

D represents a keeper which is secured to the socket for the purpose of preventing the straps B B from being moved laterally. One of these keepers is secured to each side of the socket.

At the lower ends of the straps B B are two cross-bars, C C, which are made of strap or hoop iron, and which are pivoted at their centers to said straps. The bars C C are punched with small holes from one end to the other, and the metal thus punched through forms on the inner sides of said bars some projections which serve to keep the broom-straws in proper position. The ends of the cross-bars C C for about the eighth of an inch are turned at right angles to the said bars, thus forming a flange, which fits into the grooves of a slide, H.

The slides H H are formed of sheet metal

bent in the form represented, having grooves in them which fit over the flanges on the bars C C, as set forth, for the purpose of clamping and confining said bars at their ends.

I represents a bolt which passes through the ends of the straps B B and through the centers of the bars C C, and which serves not only to connect them together, but to bind and compress the broom-corn between said straps and bars.

J represents the broom-handle, which passes in and is confined to the socket A by means of the screws or bolts o o. I may vary the form of clamp used to confine the ends of the bars C C.

It will readily be seen that by perforating the bars C and forming them in such a manner at their ends as to receive an adjustable clamp, I make a very simple and a very cheap, as well as an effective attachment for securing the corn in brooms.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The arrangement of the bars C C, perforated as described, and the ends of said bars formed substantially as shown, when used with a sliding adjustable clamp for the ends of said bars, as and for the purpose specified.

2. The arrangement of the keeper D, with the socket A, the strap B, and the bars C C, the several parts being constructed and used as and for the purpose specified.

As evidence that I claim the foregoing I have hereunto set my hand in the presence of two witnesses.

HENRY BUCK.

Witnesses:

C. M. ALEXANDER,
J. M. MASON.