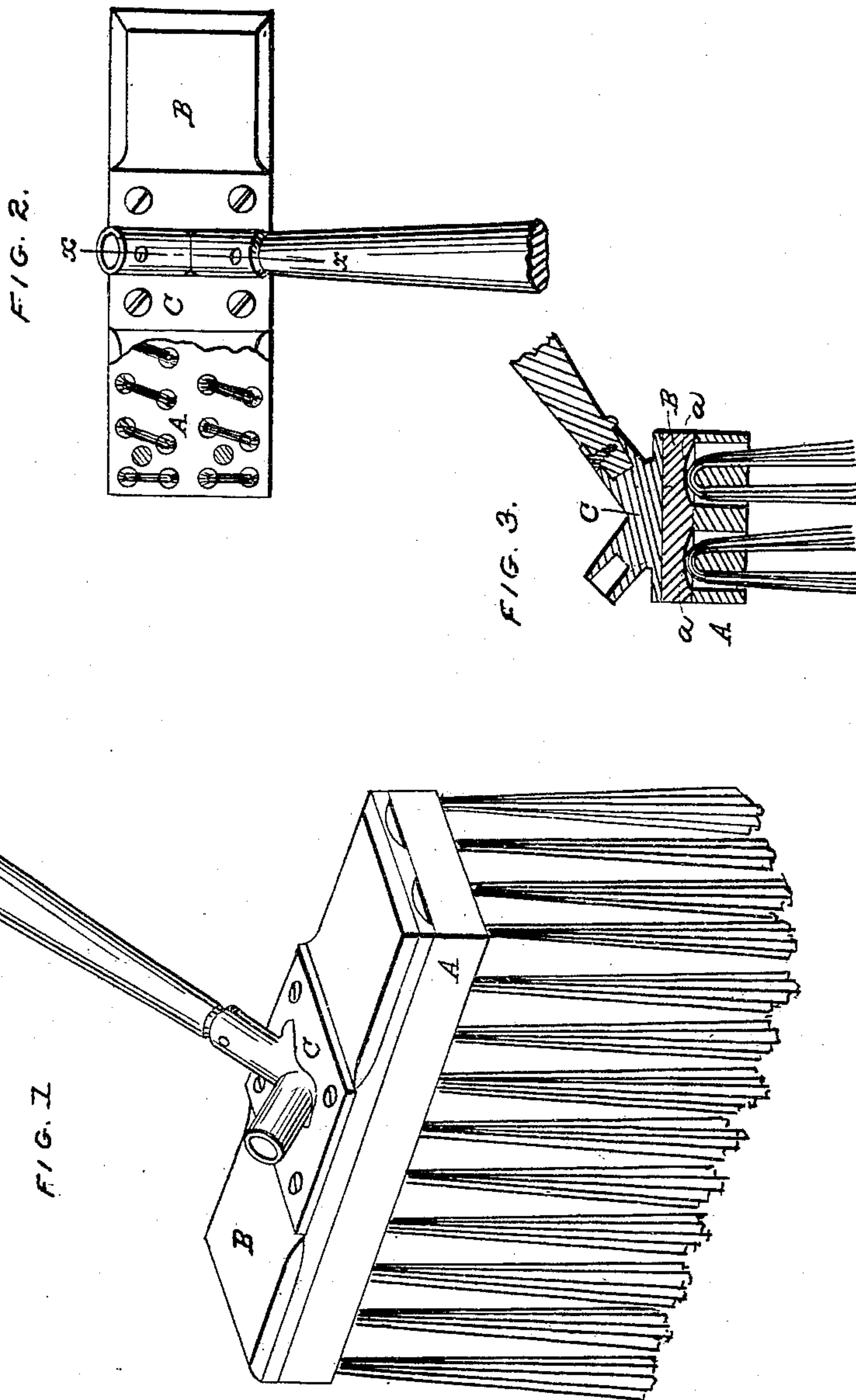


T. WRIGHT.

Broom.

No. 59,733.

Patented Nov. 13, 1866.



WITNESSES:

H. H. Young
W. S. Chapman

INVENTOR.

Thos Wright
Deed & Bond
Atty

UNITED STATES PATENT OFFICE

THOMAS WRIGHT, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND
R. VOSE.

IMPROVED BROOM.

Specification forming part of Letters Patent No. **59,733**, dated November 13, 1866.

To all whom it may concern:

Be it known that I, THOMAS WRIGHT, of the city, county, and State of New York, have invented a new and Improved Broom; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my improved broom, showing the double socket for securing the handle; Fig. 2, top view of same, showing portion of upper plate broken away, and illustrating by blue lines the manner of inserting the wires; Fig. 3, vertical section in line *x x*, Fig. 1.

Similar letters indicate the same parts in all of the figures.

The nature of my invention consists in the employment of metallic strips in the construction of a broom for outdoor work, and also in an improved double socket for attaching handles to such brooms.

My brooms are constructed of a heavy wooden base-plate, A, pierced through with a regular series of apertures, arranged in pairs at equal intervals apart. Small bundles of metallic strips of a proper length are doubled or looped, and inserted, respectively, through the apertures forming each pair in the series, leaving their free ends projecting equally from the plate to any desired length. When the plate is filled the strips are secured by simply nailing or otherwise firmly securing a second plate, B, upon the upper side of the first, so as to cover and bear upon their loops. In order to permit the second plate to close snugly and neatly down upon the first, grooves or recesses *a* may be cut in one or the other plates, or in both, to receive and inclose the necessary projection of the metallic strips as they are bent over between the apertures.

Upon the center of the top of the upper plate of the broom I secure a metallic piece, C, having two sockets for a handle formed or placed thereon, to project therefrom at similar angles in exactly opposite directions in the same right line. This improvement enables the operator, when the broom becomes worn down in one direction, to transfer the handle to the other side, so that it shall wear thereafter in an opposite manner, compensating for the first.

I can use in the manufacture of these brooms the flat refuse crinoline wire springs, otherwise valueless except as old metal, so that the brooms can be cheaply made. It is evident that they will wear far better than the ordinary brooms of a like character made of wood, &c.

I contemplate the application of my improved double socket to any description of brooms or brushes.

I do not contemplate the use of drawn wire, but use in the manufacture of my improved brooms rolled wire, which is secured in the broom-head substantially as described.

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

As an article of manufacture, a wire broom made substantially in the manner herein set forth.

The foregoing specification of my improved broom signed by me this 2d day of August, 1866.

THOS. WRIGHT.

Witnesses:

JOHN MURRAY,
RICH'D. VOSE.