

(No Model.)

S. H. CROOK.
WINDOW CLEANING CHAIR.

N^o. 410,957.

Patented Sept. 10, 1889.

Fig. 1.

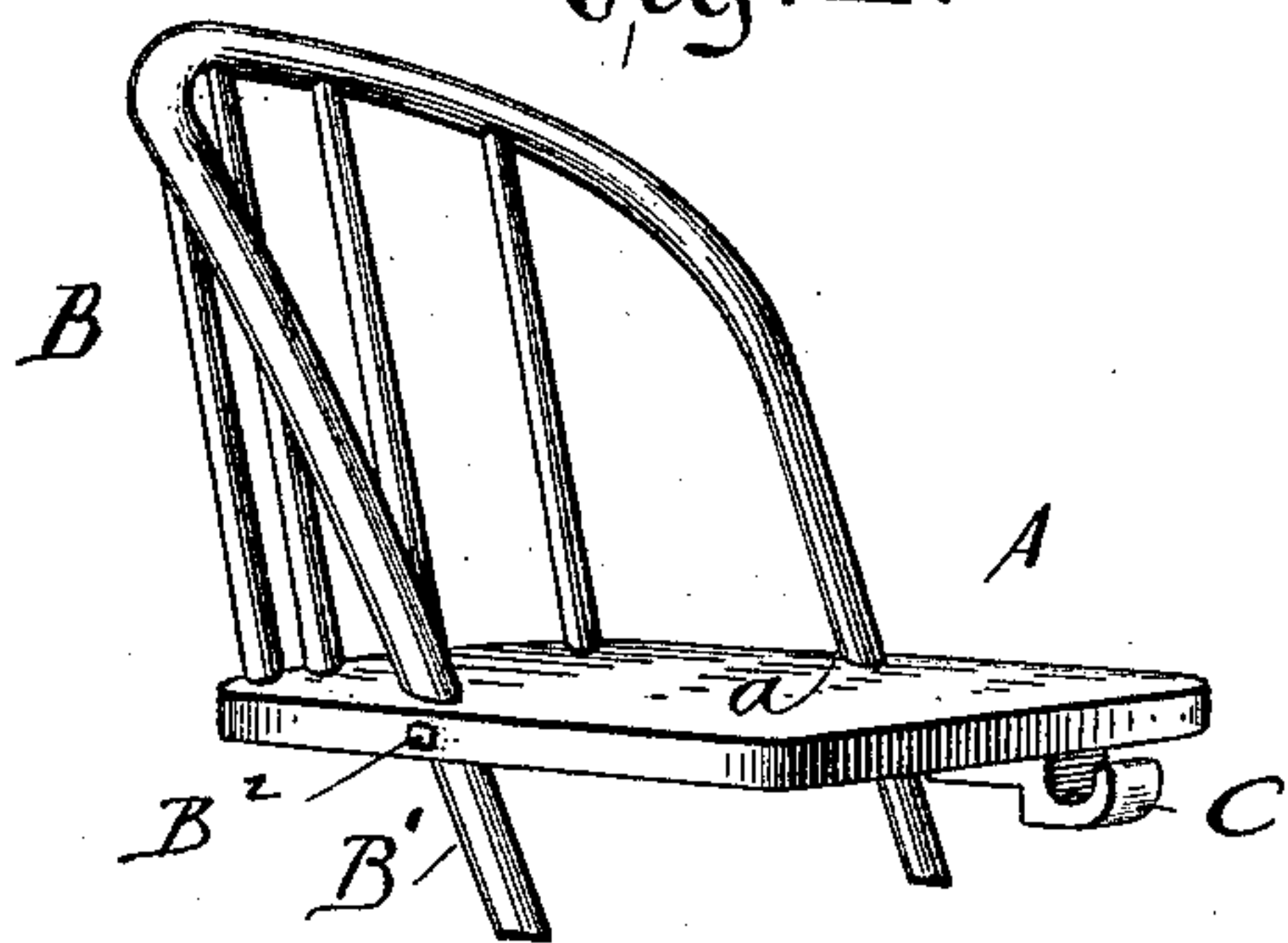


Fig. 2.

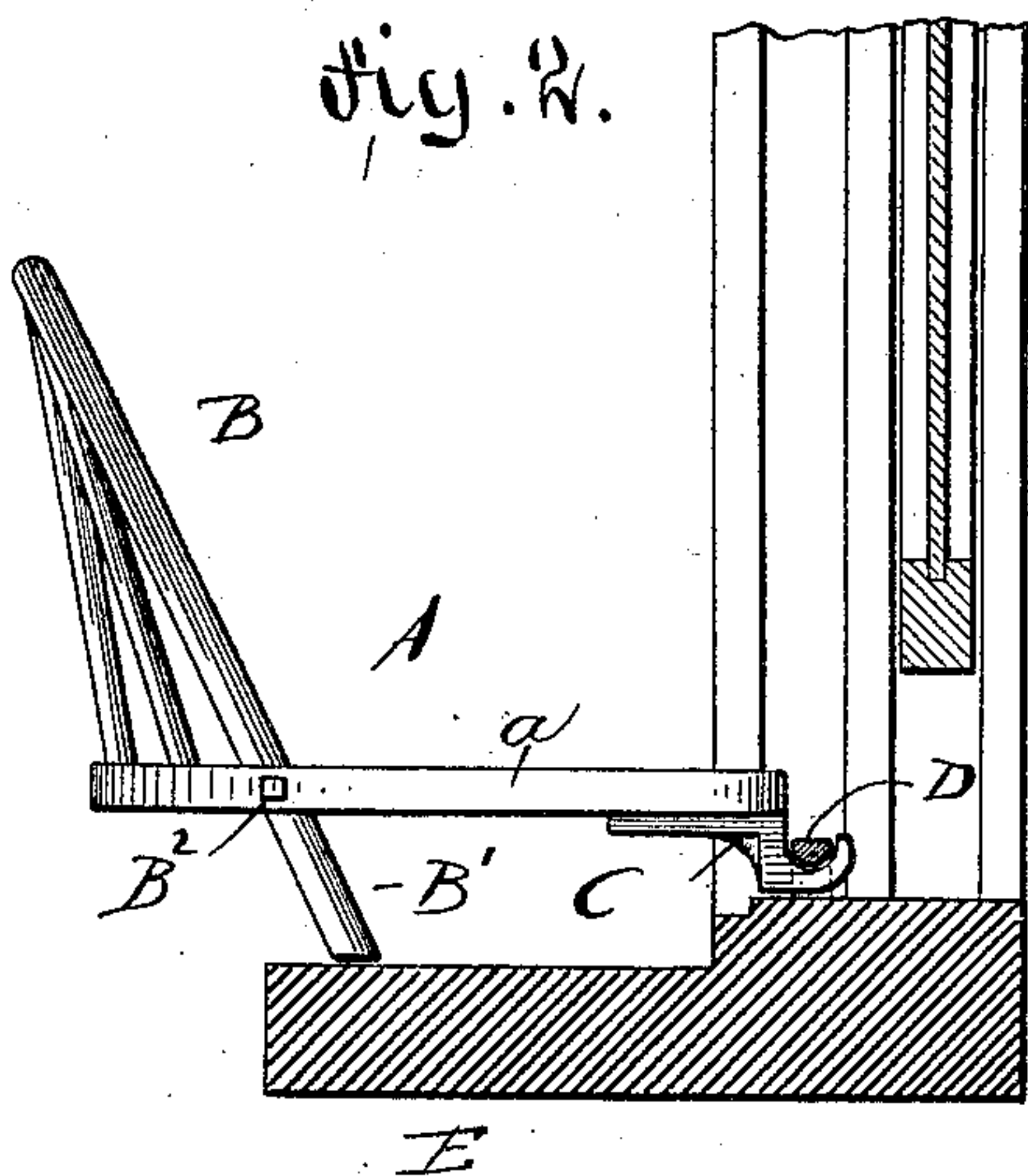
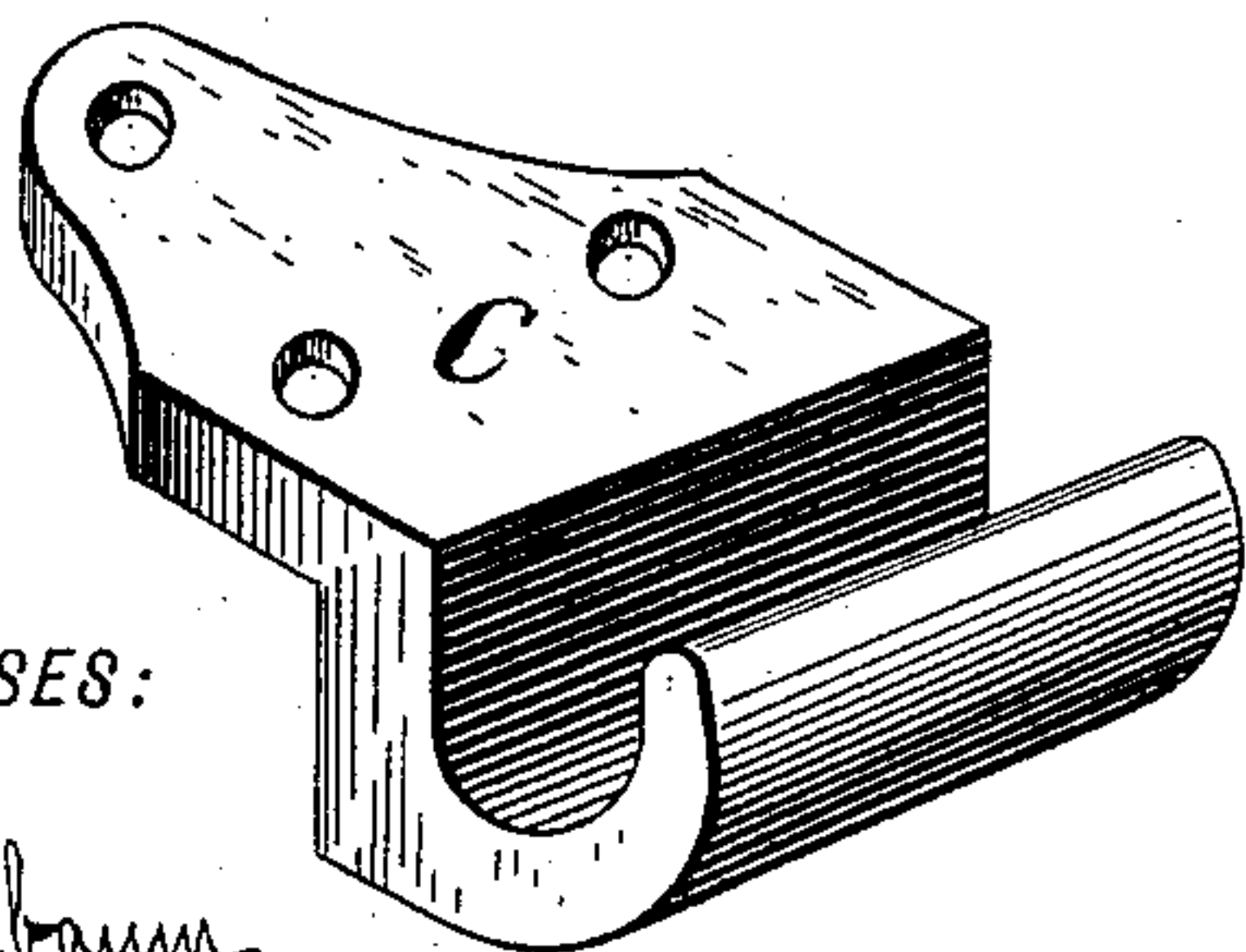


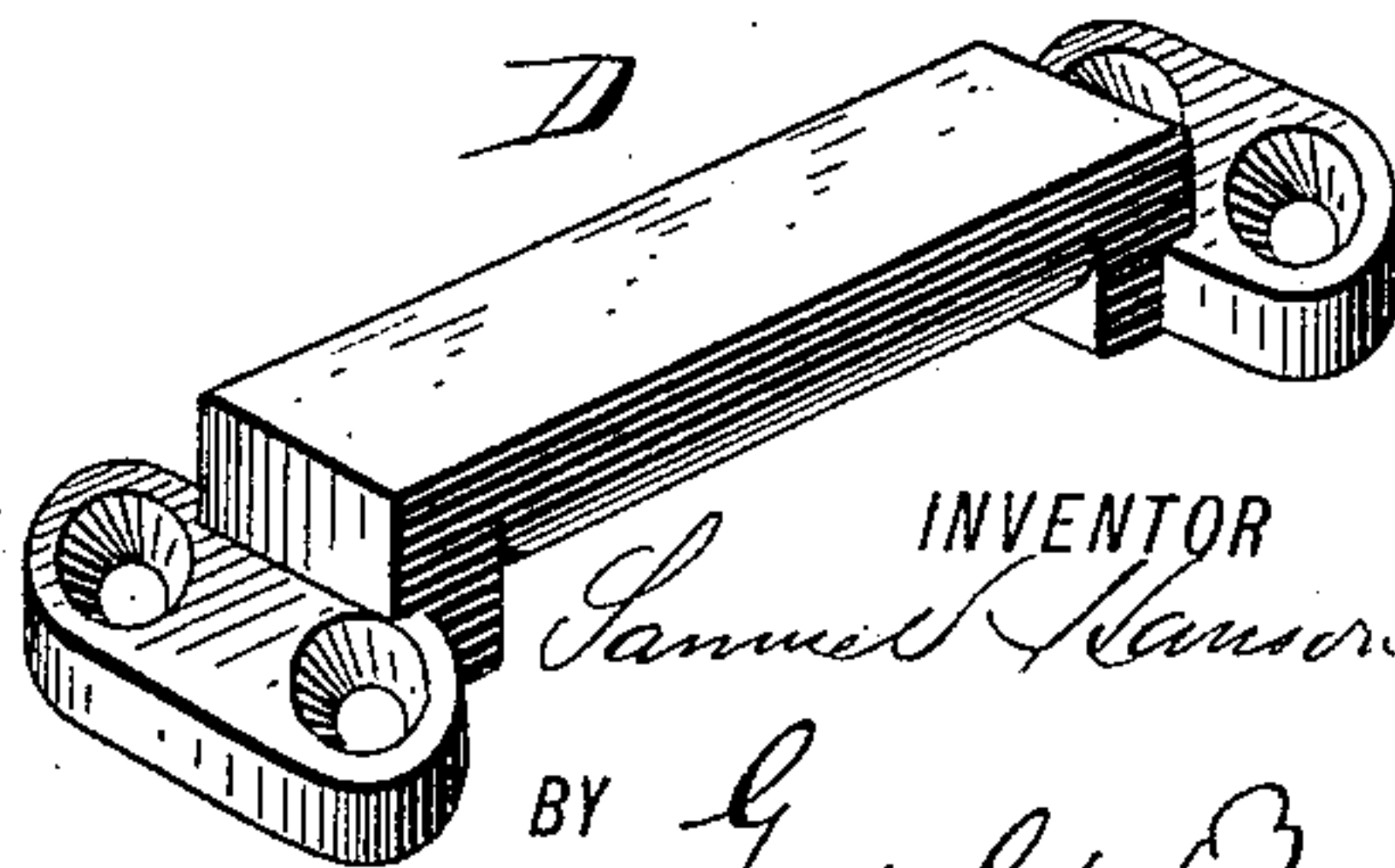
Fig. 3.



WITNESSES:

J. H. Rosenbaum.
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Fig. 4.



INVENTOR

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UNITED STATES PATENT OFFICE.

SAMUEL HANSON CROOK, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO
ISIDOR BREMER, OF SAME PLACE.

WINDOW-CLEANING CHAIR.

SPECIFICATION forming part of Letters Patent No. 410,957, dated September 10, 1889.

Application filed April 24, 1889. Serial No. 308,388. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL HANSON CROOK, of the city, county, and State of New York, a citizen of the United States, have invented certain new and useful Improvements in Window-Cleaning Chairs, of which the following is a specification.

This invention relates to an improved chair of that class which is used on the sill of windows, when cleaning the windows from the outside, for the purpose of avoiding the danger of falling out of the window; and the invention consists, first, of a chair provided with a pair of short inclined legs resting on the sill and a hook at the front part of the seat, said hook interlocking with the keeper attached to the window-casing.

The invention consists, secondly, of a window-cleaning chair in which the bow of the back is extended through holes of the seat to a short distance below the same, so as to form short legs, said bow being attached to the seat by transverse bolts.

In the accompanying drawings, Figure 1 represents a perspective view of my improved window-cleaning chair. Fig. 2 is a vertical transverse section of the same, showing it in connection with the sill and the retaining-keeper on the casing; and Figs. 3 and 4 are details of the fastening hook and keeper.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a chair, the seat of which is made of wood and provided with a back B, the bow of which passes in inclined direction through holes of the seat *a*, so as to extend a short distance below the seat and form short inclined legs B' for the seat, which legs rest on the sill E of the window. The bow B of the back is retained on the seat by screw-bolts B², that are passed transversely through the side of the seat and the bow, as shown in Fig. 1.

To the under side of the front part of the seat *a* is attached a strong hook C, which engages with a keeper D, that is screwed rigidly onto the window-casing above the sill.

For placing the window-cleaning chair in position, the hook C is first introduced into the keeper D by placing the seat in vertical position, and then gradually lowered in out-

ward direction until the short legs B', formed by the bow below the seat, rest on the sill, as shown in Fig. 2. In this position the chair is ready for use by the person sitting on the seat, who obtains thereby a perfectly secure and convenient support for cleaning the panes of the window-sashes from the outside. The chair gives the person entire freedom of the limbs and full security in cleaning the window in a quicker, safer, and less dangerous manner than by the common method of sitting on the sill, as heretofore.

I am aware that window-cleaning chairs have been used heretofore, different constructions having been devised for this purpose; but I am not aware that any chair has been constructed of such simple and effective construction as the one shown by me.

After the window is cleaned, the chair is removed and put aside until required again.

The fastening device may also be arranged at the side of the chair and along the side of the casing when it is not desired, for some reason or other, to have the keeper at the middle part of the window-casing. This chair is also placed in position and removed in the same manner as before described.

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

1. The combination of a window-cleaning chair having short legs adapted to rest on the sill, and provided with a hook attached to the under side of the seat, with a keeper attached to the sill of the window-casing, substantially as set forth.

2. A window-cleaning chair composed of a seat and a back, the bow of which passes through openings of the seat to some distance below the same, so as to form short inclined legs for the seat, a hook attached to the under side of the seat, and transverse bolts for fastening the bow to the seat, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

SAMUEL HANSON CROOK.

Witnesses:

PAUL GOEPEL,
MARTIN PETRY.