

(No Model.)

J. KOHL.
CANOPY TOP.

No. 446,709.

Patented Feb. 17, 1891.

Fig. 1.

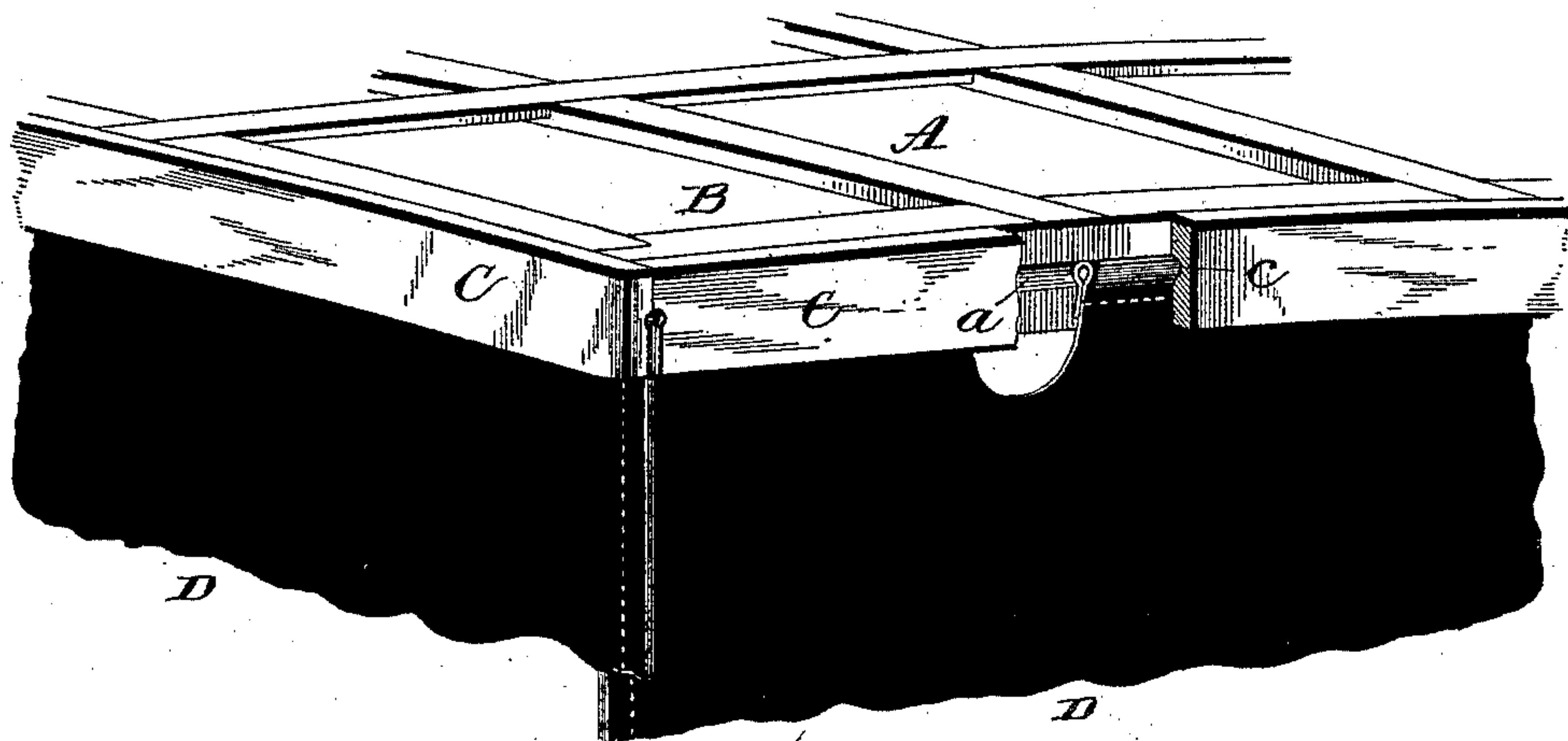


Fig. 2.

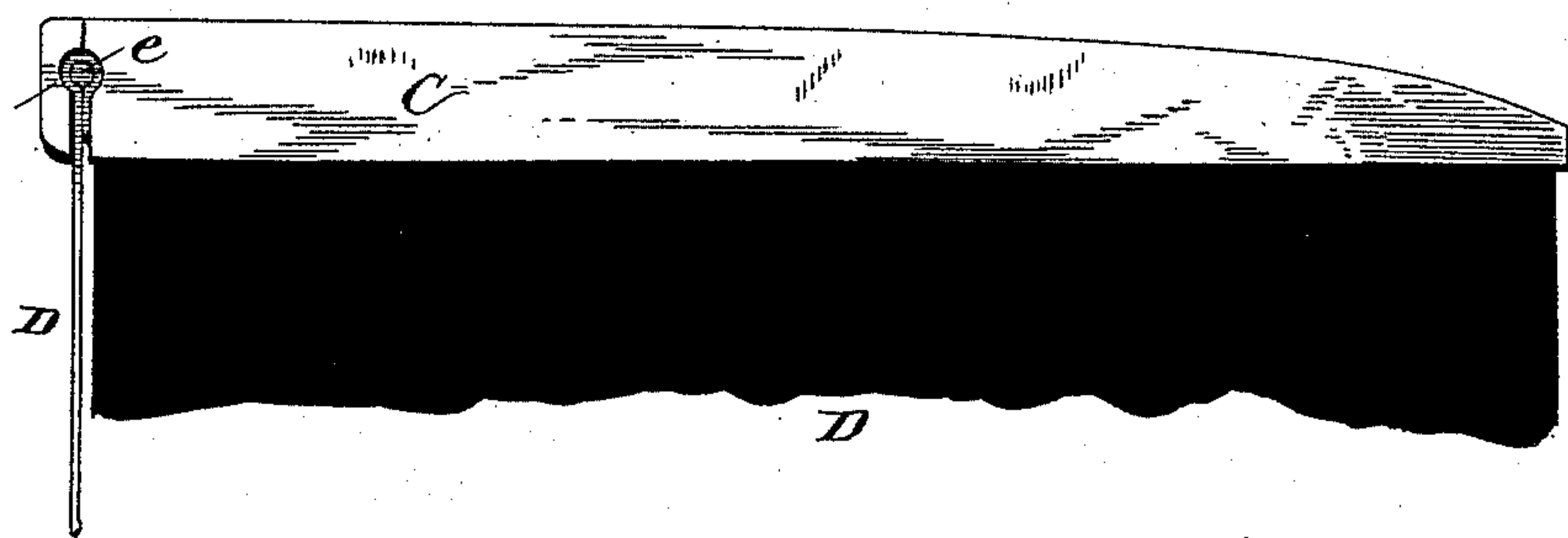
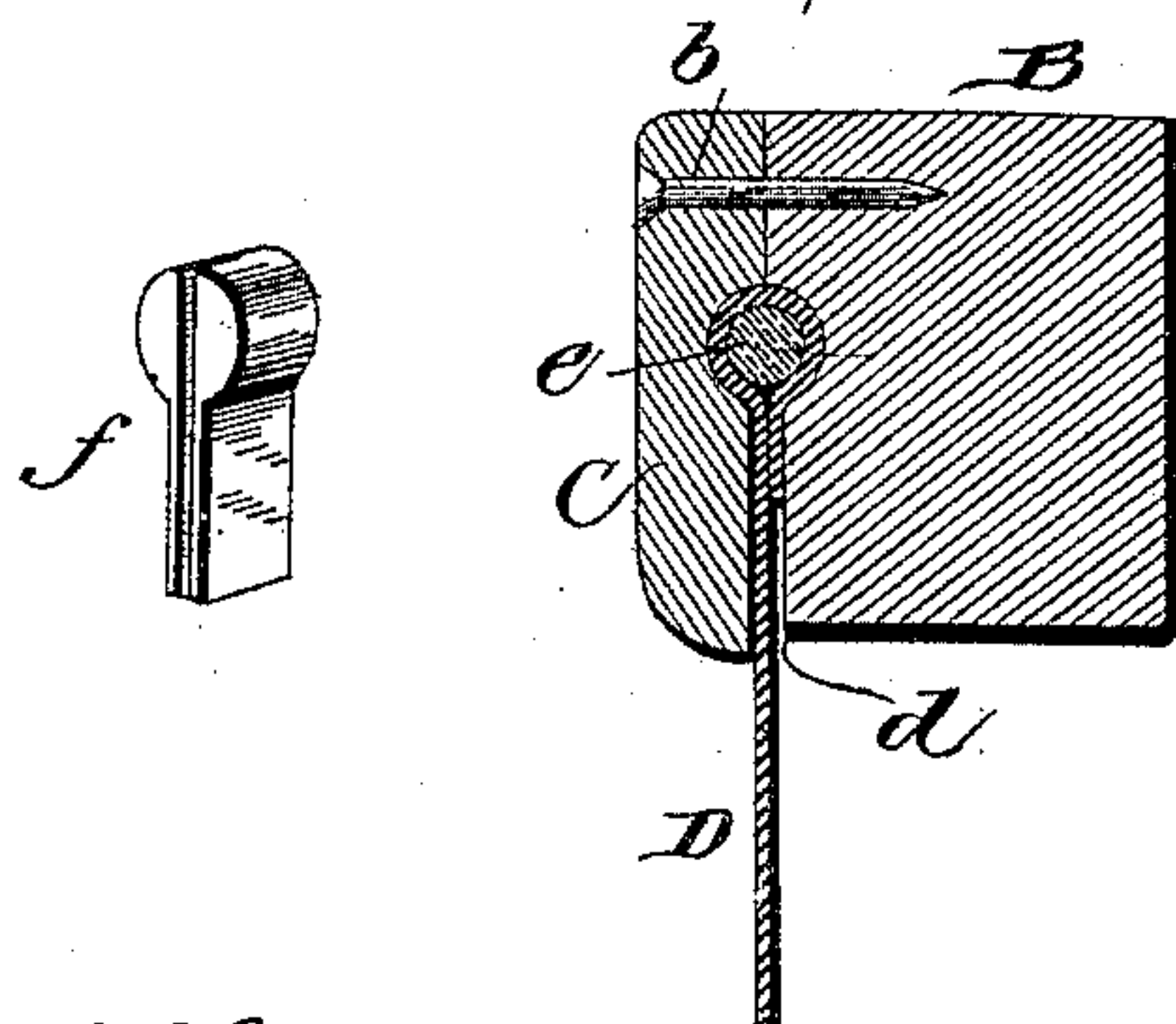


Fig. 3.



Witnesses
L. C. Mills.
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UNITED STATES PATENT OFFICE.

JOHN KOHL, OF MASON, OHIO.

CANOPY-TOP.

SPECIFICATION forming part of Letters Patent No. 446,709, dated February 17, 1891.

Application filed October 15, 1890. Serial No. 368,199. (No model.)

To all whom it may concern:

Be it known that I, JOHN KOHL, a citizen of the United States, residing at Mason, in the county of Warren and State of Ohio, have
5 invented certain new and useful Improvements in Canopy-Tops, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and
10 useful improvements in means for hanging or connecting or holding in position carriage-curtains.

I am aware that it has heretofore been proposed to hang or connect the curtains without
15 the employment of knobs and button-holes or other like provisions, and therefore do not seek to cover, broadly, in this application the idea of holding the curtains in place without the use of knobs and engaging holes or slits. I aim at
20 cheapness in construction, neatness in appearance, and durability, combined with ease, in applying or removing the curtains. I form semicircular grooves in the frame proper of the canopy and in the panel fastened thereto
25 or in the frame only, the upper edge of the curtain being seamed or otherwise secured around a cord or core, the groove formed in the two parts being provided with an outlet somewhat contracted, so that while the curtain may hang down in proper place it cannot be displaced. No extra parts are required
30 in the make-up of the canopy. I get a neat finish, the groove being formed at the time of manufacture of the carriage.

35 Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the
40 accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view of a portion of a canopy-top with my invention applied,
45 parts being broken away to better disclose the construction and arrangement of parts. Fig. 2 is a side view of the same. Fig. 3 is a vertical section through a portion of the frame and panel with the curtain in position, this
50 figure being on an enlarged scale.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates a portion of the frame-work of a canopy-top for vehicles. It
55 may be of any of the well-known forms of construction, except in the particulars hereinafter specified. In constructing the frame proper I form in any well-known manner a semicircular groove *a* around the outer face
60 of the strip B and along the two sides and the back end. This groove may be substantially in the center or nearer the top or bottom, as may be deemed most desirable.

C is a finishing strip or panel designed to
65 surround the frame, as shown, being secured thereto in any suitable manner—such, for instance, as with glue or by pins, nails, or other equivalent means *b*, as seen in Fig. 3. Before placing in position the finishing strips or
70 panels are formed upon their inner face with a semicircular groove *c* at a point relative to their width, so that when the panel is placed in position the two semicircular grooves in the panel and frame or strip B will be opposite
75 each other, as seen in Fig. 3. The adjacent faces of the two parts B and C from the groove downward are cut away slightly, so as to provide an opening or passage-way *d* for the curtain, as seen clearly in Fig. 3, so as to allow
80 of endwise movement of the curtain in placing it in position or removing it.

D is the curtain. Its upper edge is stitched or otherwise secured around a rod, cord, or
85 other core *e*, as shown. Instead of semicircular grooves I may form them of other shape, in which case the core of the upper edge of the curtain will be of a shape to correspond therewith.

The manner of applying the curtains will
90 be readily understood. The corded upper edge is inserted into the slot or groove at one end, the curtain working in the passage-way *d* and the corded portion in the groove, and the curtain thus slid along in the groove and
95 passage-way until in the desired position. It is removed by a reverse movement. The inner ends of the grooves are closed or stopped by the panel arranged at right angles thereto, as shown in Fig. 1.

In order to close the outer ends of the
100 grooves and give to the top a finished appearance, as well as to prevent the ingress of dirt to the grooves, I provide a stopper or plug *f*,

which may be of any suitable material, preferably of wood, of the same finish as the panels, and this plug is of a shape and size to closely stop the outer end of the groove. It
5 is made easily removable, so that it may be removed for the insertion of the curtain and afterward placed in position to cover the end thereof. I have shown it removed at the left of Fig. 3. It is preferably formed with
10 springy ends, so as to be readily held in position by frictional contact of the parts. It may be held to the top by a cord or otherwise.

What I claim as new is—

1. A vehicle-top provided with a curtain-re-
15 ceiving groove and a removable plug for the outer end of the groove, said plug having spread ends, substantially as and for the purpose specified.

2. A vehicle-top having its surrounding top
20 strip provided with a portion of a groove and

its finishing-strip provided upon its inner face with the complement of the groove, the adjacent faces of the two parts being cut away
25 below the groove to form a passage-way from the groove downward for the reception of the curtain, substantially as specified.

3. A vehicle-top having the outer face of its top surrounding strip formed with a portion of a groove and its finishing-strip formed
30 upon its inner face with the complement of the groove, the grooves upon two sides being closed at one end by the strip at right angles thereto, substantially as specified.

In testimony whereof I affix my signature in
35 presence of two witnesses.

JOHN KOHL.

Witnesses:

J. A. REBOLD,
J. GRAMLICH.