

(No Model.)

O. P. SCHRIVER.
WIRE CLOTH HOLDER.

No. 506,020.

Patented Oct. 3, 1893.

FIG. 1.

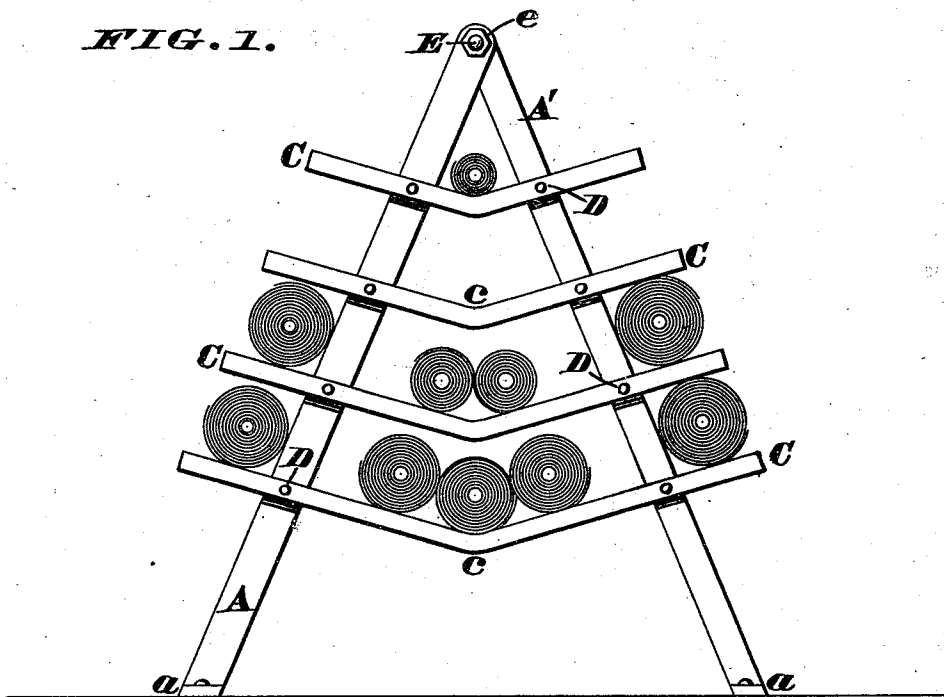
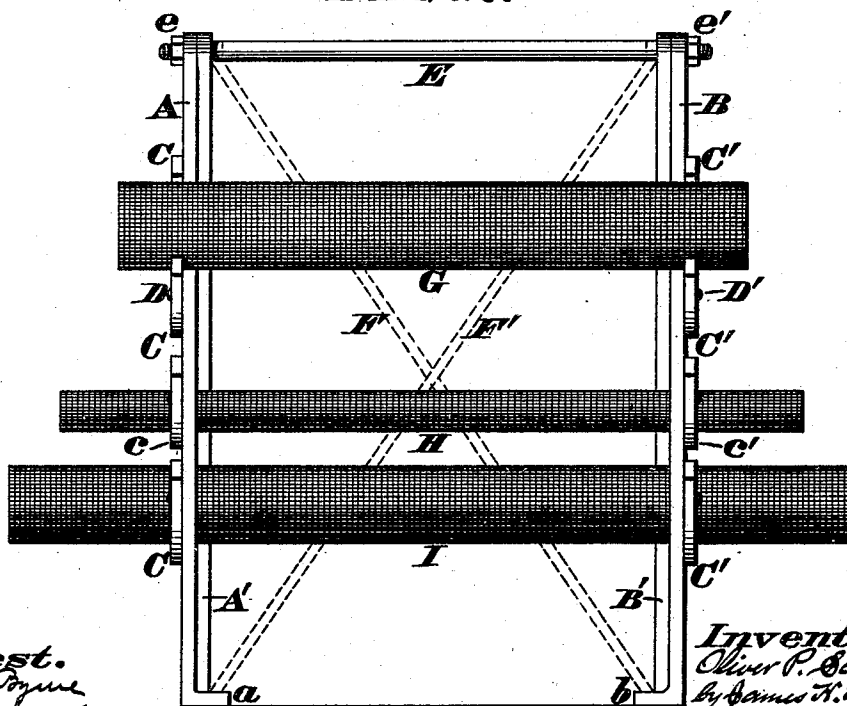


FIG. 2.



Attest.
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UNITED STATES PATENT OFFICE.

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WIRE-CLOTH HOLDER.

SPECIFICATION forming part of Letters Patent No. 506,020, dated October 3, 1893.

Application filed May 9, 1893. Serial No. 473,582. (No model.)

To all whom it may concern:

Be it known that I, OLIVER P. SCHRIVER, a citizen of the United States, residing at Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Wire-Cloth Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the annexed drawings, which form part of this specification.

My invention comprises a special construction of rack for holding entire rolls and remnants of wire-cloth, the device being composed of a few simple parts capable of being readily detached from each other, so as to be shipped in a "knock down" condition, as hereinafter more fully described.

In the annexed drawings, Figure 1 is an end elevation of a wire-cloth holder embodying my improvements. Fig. 2 is a side elevation of the same.

My holder consists, essentially, of two precisely similar halves or end sections composed of stiles A, A', B, B', and bars or bearers C, C', which members of the device are arranged as follows. The stiles A, A', which are usually made of flat bars of steel or iron, are in contact with each other at top, but separated at bottom, so as to form an angular frame of any suitable pitch, the lower ends of said stiles being bent either out or in, as seen at *a*, to afford a ready means for attaching the holder to a counter, or other support. The various bars or bearers C, are also flat metallic-bars, but made of lighter material than the stiles, and united to the latter by rivets D. Furthermore, these bars C, do not extend horizontally across from one stile to the other, but are bent down in the center, as shown at *c*, while their ends project some distance beyond said stiles. The bars C', of the other end-section, are attached to the stiles B, B', by rivets D', and bend down in the center in the same manner as the bars C just described. E is a tie rod, passed through holes near the top of the stiles, and secured in place by nuts *e*, *e'*. The dotted lines F, F', represent braces that

may extend diagonally across the holder, so as to prevent any lateral swaying at the top.

b are flanges at the bottom of the stiles B B'.

In constructing my holder, care must be taken not to place the end sections too far apart, which distance is determined by the narrowest width of wire-cloth rolls. As is well known, the narrowest cloth measures twenty four inches, and therefore, the top bar E is of such a length as to cause the end sections to be about twenty or twenty two inches from each other, by which arrangement the holder will support all sizes of rolls. This adaptability of the device is seen in Fig. 2, where G, H, and I represent rolls of different widths.

In using my holder, the full rolls are generally supported upon those portions of the rods C, C', that project beyond the stiles A, A', B, B', while the remnants are carried by those portions of the rods situated between said stiles. Now, as all these rods slope toward the center of the holder, it is evident the pieces of wire cloth naturally roll inward, and by thus keeping the weight fairly within the base of the structure, its stability is secured without extra attachments, such as braces, &c. Not only is this true, but the inward slope of the bearers C, C', prevent the rolls accidentally running off, from the holder, some slight exertion of force being necessary to start them up these inclines before they can be removed. Again, as each of the end sections A A' C, B B' C', are complete in themselves, it is apparent that by unscrewing the nuts *e*, *e'*, the holder can be taken apart in a few minutes, and then shipped in a compact "knock down" condition. Finally, as these end sections are counterparts of each other, they are interchangeable, and on this account, one pattern will be sufficient for the proper bending of the bars C, C', and setting of the stiles, A, A', B, B', thus facilitating the manufacture of the holder, and diminishing its cost.

I claim as my invention—

As a new article of manufacture, a wire-

cloth holder consisting of a pair of upwardly-
converging frames, each composed of two
stiles only, as A, A', B, B', a single tie-rod E
that unites said frame at top, and inwardly-
5 inclined bearers C, C', fastened to said stiles,
so as to secure the latter rigidly together,
that portion of the bearers between the stiles
being longer than the projecting ends of
said bearers, in order that the heaviest weight

shall be concentrated at the center of the holder, all as herein described, and for the purpose stated.

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

OLIVER P. SCHRIVER.

Witnesses:

JAMES H. LAYMAN,

CHARLES B. CRANSTON.