

(No Model.)

E. J. CUBLEY.
DRUM HEAD STRAINER.

No. 350,870.

Patented Oct. 12, 1886.

Fig. 1.

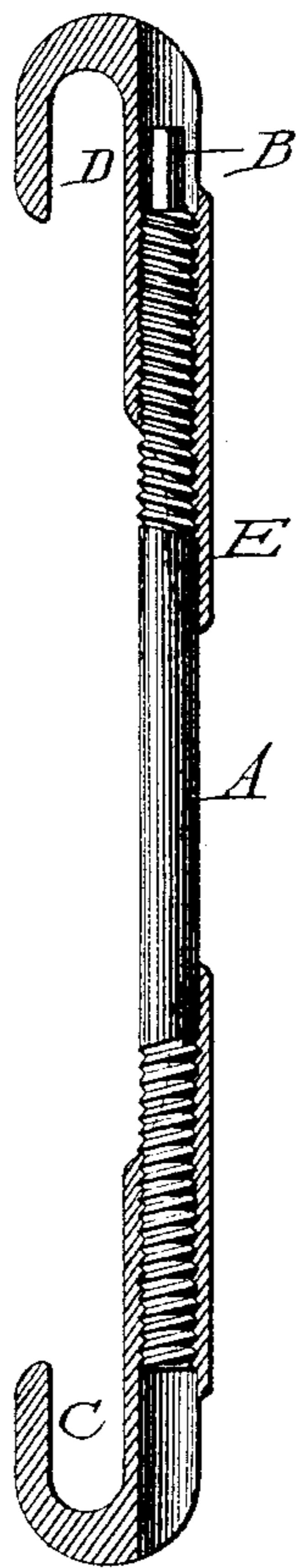
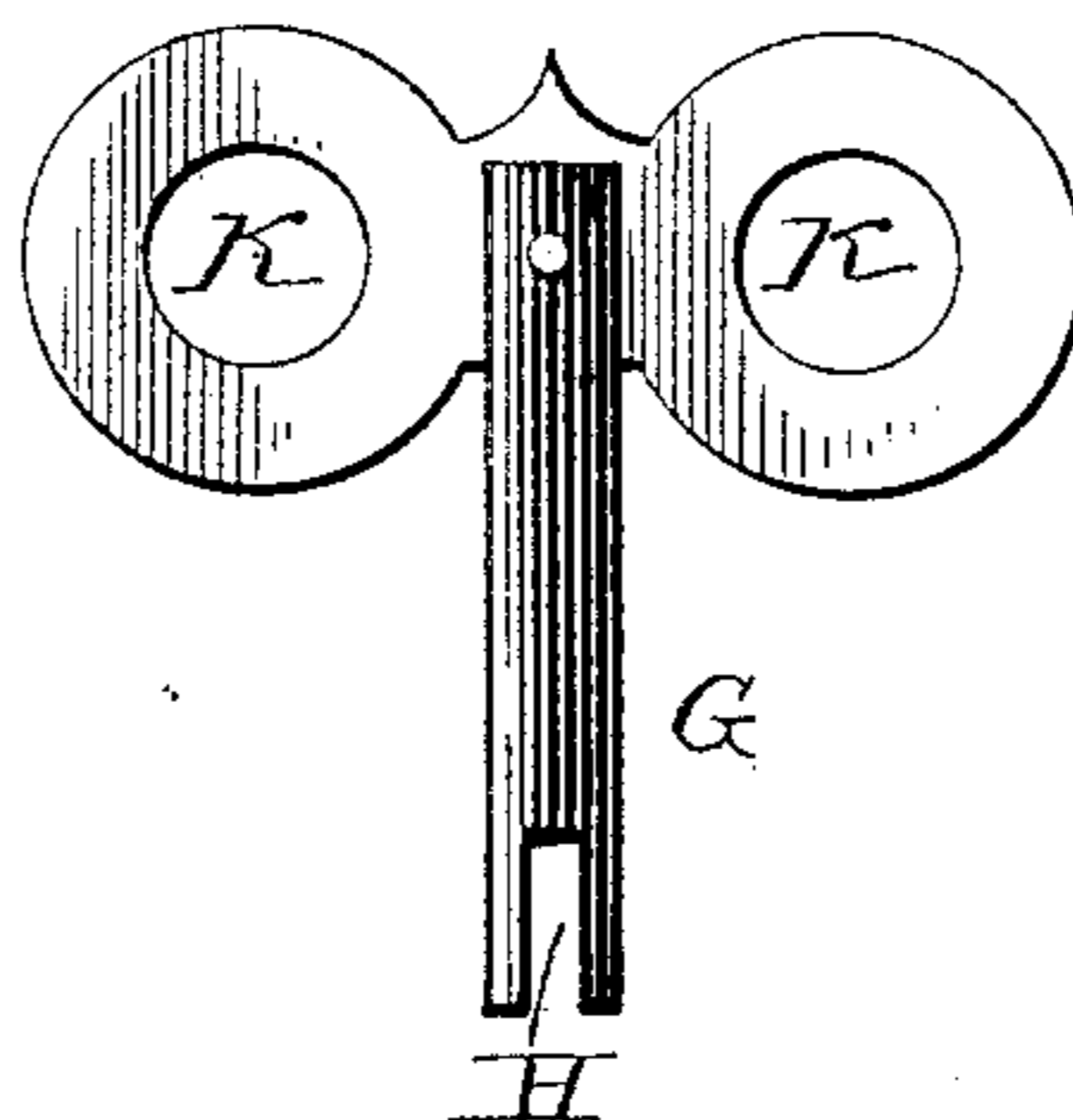


Fig. 2.



Witnesses.

W. J. O'Connell.
E. O. Hester.

Inventor:

Edwin J. Cubley
per
George Van Zandt
Atty

UNITED STATES PATENT OFFICE.

EDWIN J. CUBLEY, OF RAVENSWOOD, ILLINOIS.

DRUM-HEAD STRAINER.

SPECIFICATION forming part of Letters Patent No. 350,870, dated October 12, 1886.

Application filed November 7, 1885. Serial No. 182,125. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. CUBLEY, a citizen of the United States, residing at Ravenswood, in the county of Cook and State of Illinois, have invented a new and useful Drum-Strainer, of which the following is a specification.

My invention relates to improvements in drum-strainers, in which hooks attached to the drum-hoops are operated by the rotation of a metal rod having a screw-thread; and the objects of my improvements are, first, to reduce the projecting thickness of such drum-strainers to its minimum; second, to prevent the bending of the central rod under strain by bringing the line of strain as near to that of the rod as possible; third, to provide a simple, effective, and convenient method of rotating the rod, and, fourth, to simplify the construction and cheapen the cost of such drum-strainers. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the drum-strainer having the hooks cut away to show the interior construction. Fig. 2 is a view of the key used to rotate the rod within the hooks.

The metal rod A, Fig. 1, having a right-handed and left-handed screw-thread cut at each end, respectively, has also a flat or angu-

lar projection, B, at one end. The metal hooks C and D are drilled entirely through and have in part of their length a female screw-thread mating that upon the rod. The key G, Fig. 2, is a piece of rod having a flat or angular notch, H, to fit the projection B on the rod A, and having also a suitable handle-piece, K K. The hooks, shaped as in the drawings, bear closely around the edge and upon the side of the drum-hoop, so as to endure a severe strain in the line of the connecting-rod. As the rod is turned by the key, the strain is increased or diminished at will.

I am aware that prior to my invention straining devices having a central connecting-rod with right and left hand screw-threads have been made. I therefore do not claim such a combination, broadly; but

I do claim and desire Letters Patent for—

A drum-straining device consisting of the rod A, having the projection B, in combination with the hooks C and D, counterbored to cover such projection, and the key G, having the angular notch H, all substantially as set forth.

EDWIN J. CUBLEY.

Witnesses:

GEO. STARKE,
JOHN ADDAMS, Junr.