

(No Model.)

H. C. RECTOR.
TRANSPARENCY.

No. 403,698.

Patented May 21 1889.

Fig. 1.

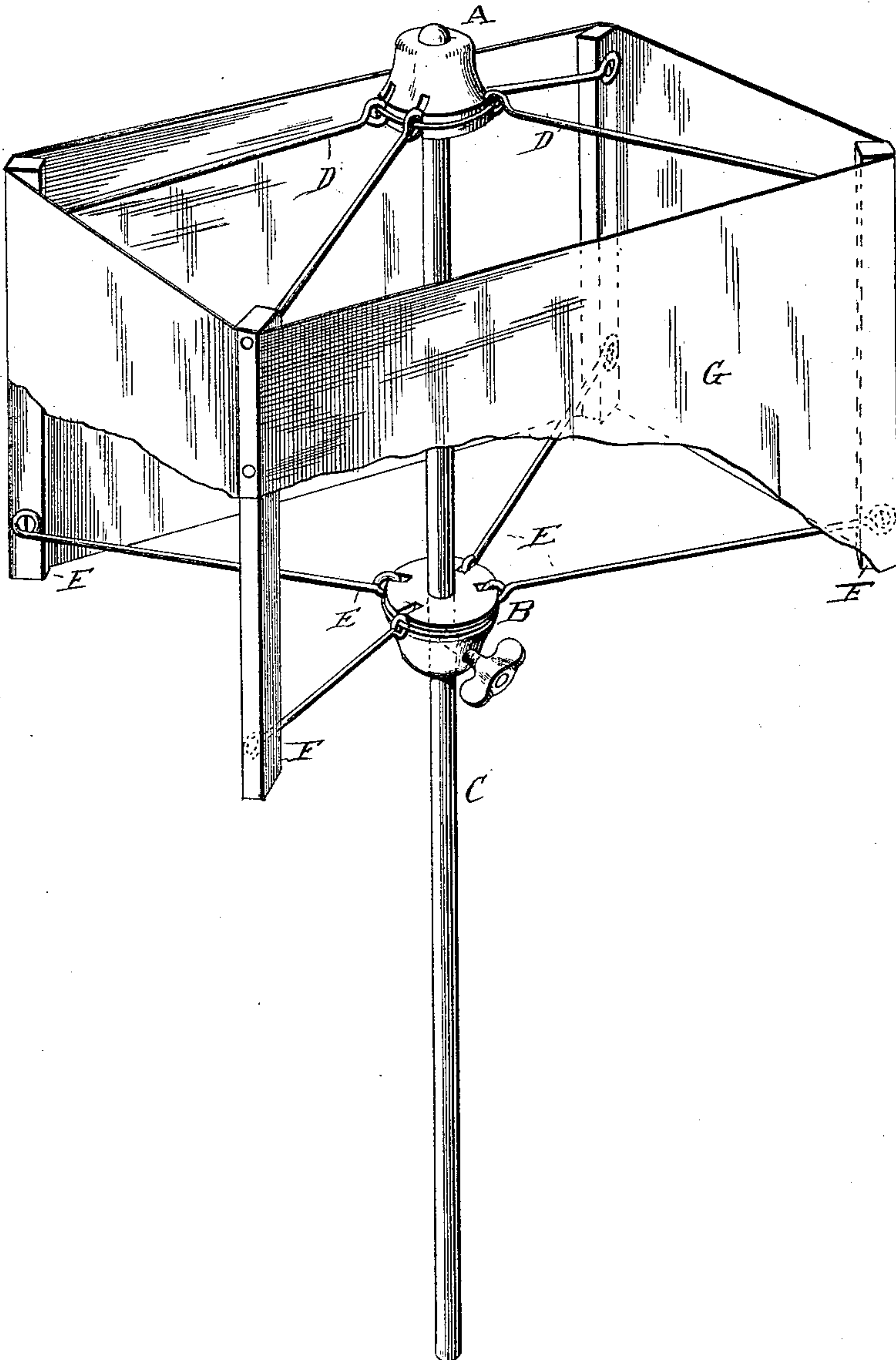
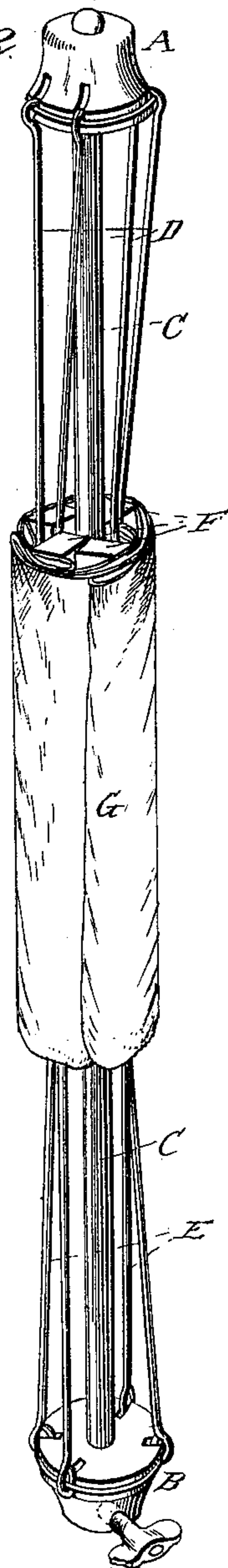


Fig. 2.



WITNESSES
J. H. Rader
Van Buren Hillyard,

INVENTOR
Henry C. Rector,
By R. B. & A. P. Lacey, Attorneys

UNITED STATES PATENT OFFICE.

HENRY C. RECTOR, OF LINCOLN, NEBRASKA.

TRANSPARENCY.

SPECIFICATION forming part of Letters Patent No. 403,698, dated May 21, 1889.

Application filed November 19, 1888. Serial No. 291,212. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. RECTOR, a citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Transparencies; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to a transparency or banner, and has for its object to provide a device of this nature that can be readily folded to economize space in storing and facilitate its transportation, and which can be adjusted to compensate for the shrinkage or give in the fabric, so as to maintain the fabric in a stretched condition when the banner is in use.

A further object of the invention is to provide a device for the purposes hereinbefore stated which will be simple, cheap, compact, and which will be light and easily handled.

The improvement consists in a staff or pole, two collars, one or both movable on the staff or pole, frame-bars for supporting the fabric, and rods pivotally connected with the ends of the frame-bars and with the said collars.

The improvement further consists of the peculiar construction and the combination of the parts, which will be hereinafter more fully described and claimed, and which is shown in the annexed drawings, in which—

Figure 1 is a perspective view, parts being broken away, of a transparency or banner embodying my invention; and Fig. 2, a perspective view showing the device folded.

The collars or heads A and B, mounted on the staff or pole C, have the inner ends of the upper and lower sets of rods, D and E, respectively pivotally connected therewith.

The frame-bars F have their upper ends pivotally connected with the outer ends of the rods D and their lower ends pivotally connected with the outer ends of the rods E.

The fabric G, stretched around and secured

to the frame-bars, forms the sides of the banner.

The operation of the device is as follows: By sliding one or the other or both of the collars on the staff or pole, so as to bring them closer together, the outer ends of the rods D and E will be forced outward from the pole, carrying the frame-bars with them and distending the fabric. This operation is continued until the fabric is stretched sufficiently, when the movable collar is made fast to the staff or pole by suitable means, preferably by the set-screw *h*. If the fabric should shrink and the parts be strained too much and in danger of injury, the set-screw can be loosened and the collar moved to bring the frame-bars into closer relationship, thereby relieving the fabric of the undue strain. On the other hand, if the fabric should give and become too loose, a movement of the collar in the proper direction will separate the frame-bars and take up the looseness and stretch the fabric. By separating the collars or moving one or both on the pole or staff in the proper direction the rods D and E and the frame-bars will be brought close to the said staff or pole, and, the fabric being wrapped around the frame-bars and the pole, the device will be reduced and assume the form substantially shown in Fig. 2.

The form of the banner depends upon the number of the frame-bars, the relative length of the rods D and E, and the manner of securing the fabric to the frame-bars. Either one or all of these features of construction can be resorted to to obtain the required form of banner, as will be readily understood.

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

1. A folding banner or transparency composed of a pole, frame-bars, and rods connecting each end of the frame-bars with the pole, substantially as described.

2. A folding banner or transparency composed of a pole, frame-bars, the heads on the pole, and the rods pivotally connected with the heads and with the upper and lower ends of the frame-bars, substantially as set forth.

3. The combination of the frame-bars,

the fabric on the frame-bars, the head A, the
rods D between the head A and the frame-
bars, the head B, movable on the pole, the
rods E, connecting the other ends of the
5 frame-bars with the said head B, and the set-
screw for fastening the said head B on the
pole, substantially as and for the purpose de-
scribed.

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

HENRY C. RECTOR.

Witnesses:

JOHN L. DOTY,
W. R. FULTON.