

(No Model.)

W. MUNZ.
HAT SHADE.

No. 283,353.

Patented Aug. 14, 1883.

Fig. 1.

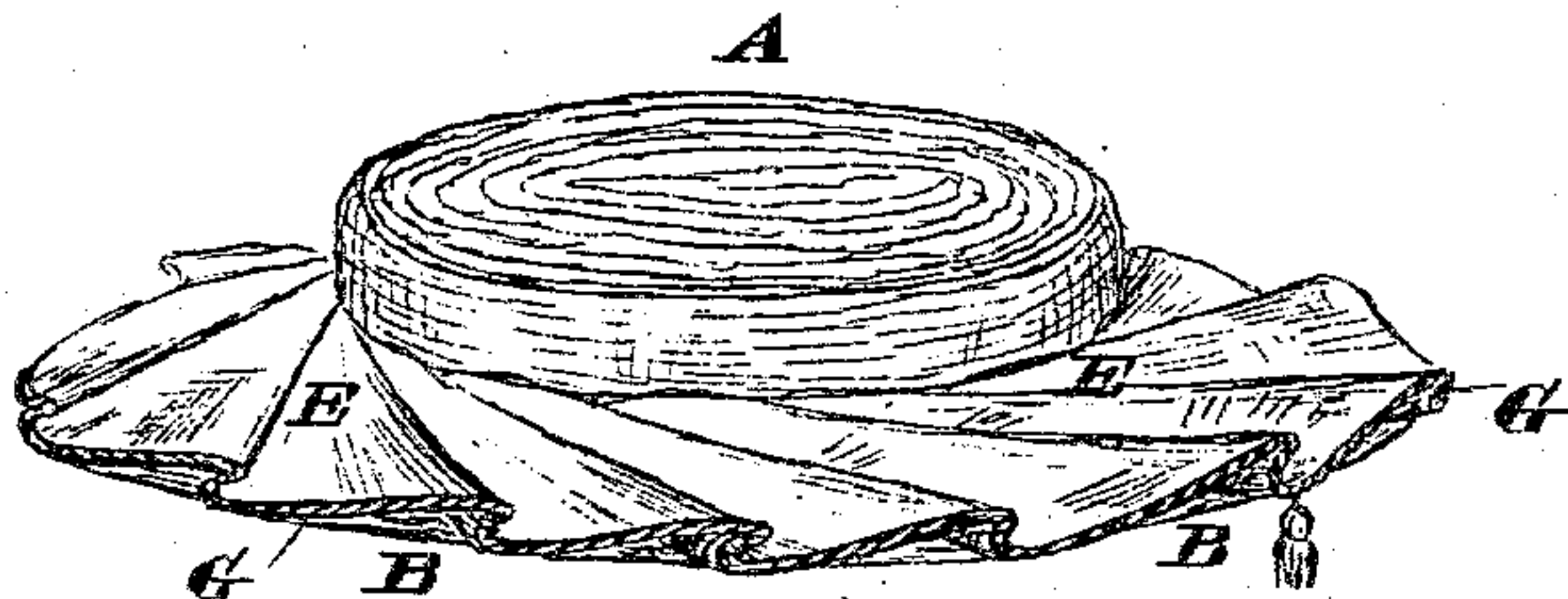


Fig. 2.

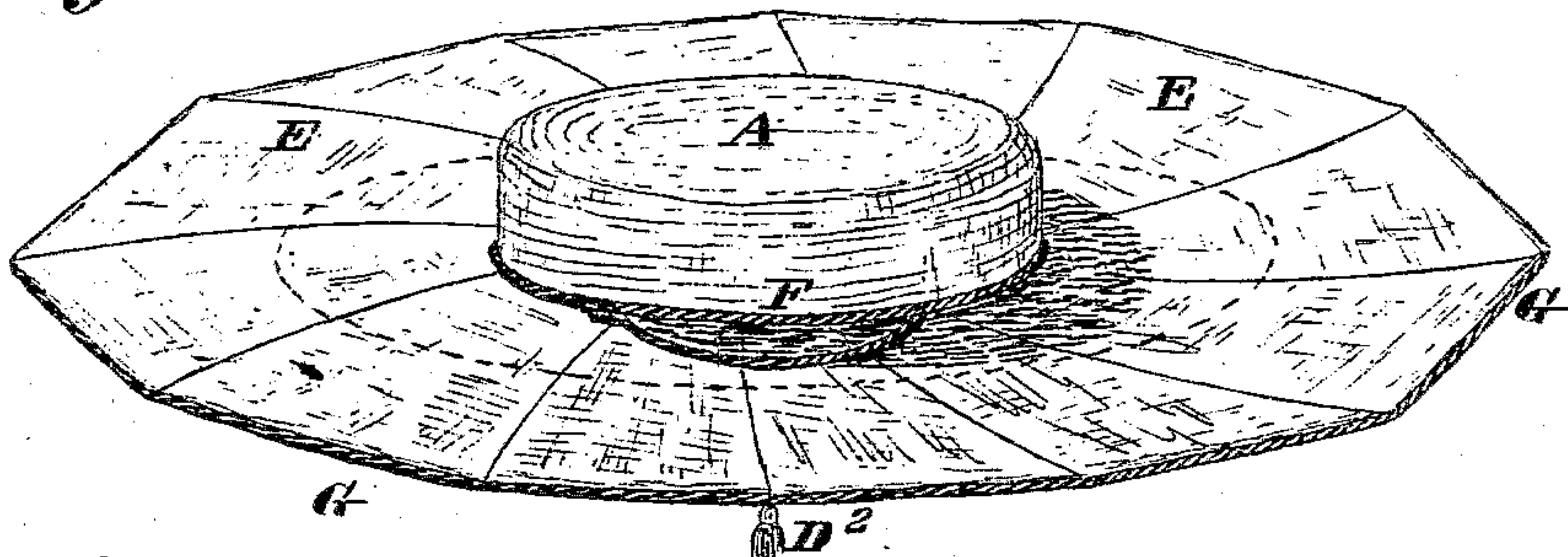


Fig. 3.

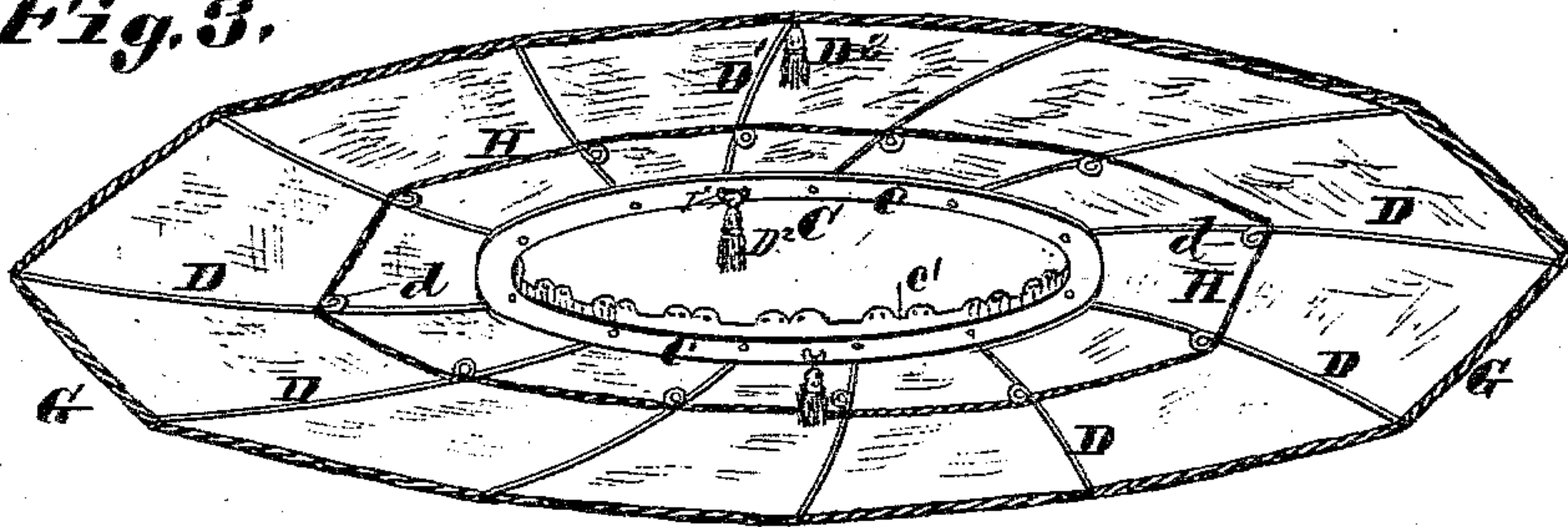
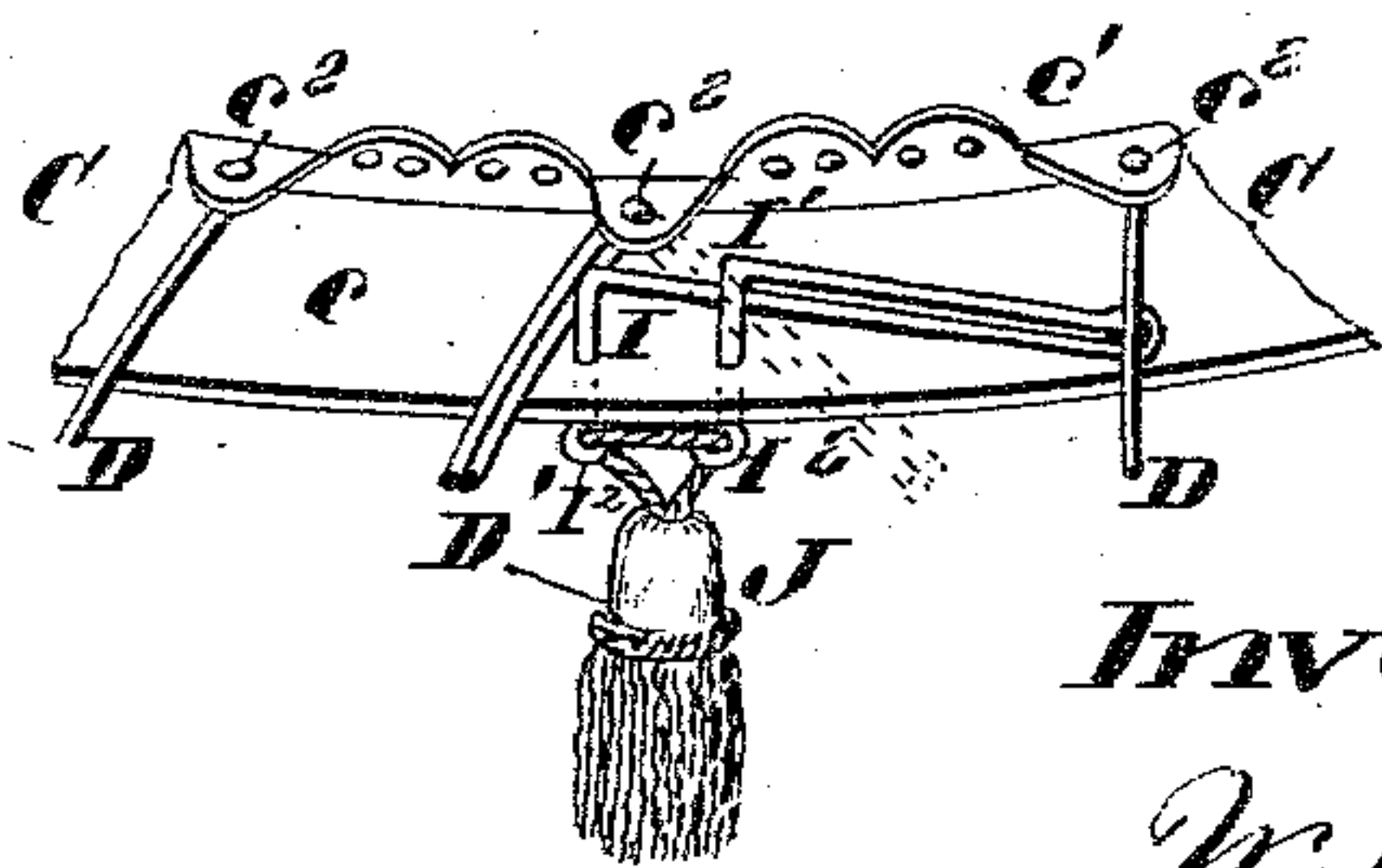


Fig. 4.



Attest:

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UNITED STATES PATENT OFFICE.

WILHELM MUNZ, OF ST. LOUIS, MISSOURI.

HAT-SHADE.

SPECIFICATION forming part of Letters Patent No. 283,353, dated August 14, 1883.

Application filed May 21, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILHELM MUNZ, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Hat-Shades, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings forming part of this specification.

My invention consists in the construction hereinafter described, and pointed out in the claims.

Figure 1 is a perspective view, showing my improved shade upon a hat, the shade being in contracted or folded position. Fig. 2 is a perspective view, showing the shade expanded. Fig. 3 is an under perspective view of the shade removed from the hat. Fig. 4 is an enlarged perspective detail, showing the catch by which the shade is held in extended condition.

A is a hat, that may be of any suitable form, having preferably, however, a flat brim, B, about equal in circumference to the periphery of the shade when contracted; but size is not an essential consideration.

C is a metal ring, made preferably with flanges c c' , fitting, respectively, the brim and the part of the crown in immediate connection therewith. The vertical flange c' has upon it a number of outturned lugs, c'' , to which the inner ends of the metal ribs D are pivoted, so that they can be turned inward to the hat-crown when the shade is contracted, as seen in Fig. 1, or can be extended, as shown in Figs. 2, 3, and 4.

E is the cover, secured to the crown in proximity to the brim by means of a cord, F, or otherwise, and secured to the ends of the ribs at or near the periphery, where is a cord, selvage, or hem, G, serving to secure the ends of the ribs to each other.

H is an elastic cord or spring (rubber preferred) tending to hold the ribs in their inner position, as seen in Fig. 1, the cord being attached to eyes d upon the ribs, or otherwise connected to them at a distance from their hinged ends.

When one of the ribs—as the one marked D', for instance—is drawn to its most extended position, (see Fig. 4,) all the ribs, owing to their connection G, are also drawn out into position shown in Figs. 2 and 3.

To keep the shade in its extended position I secure to the metal ring C a spring-catch, I,

that is depressed by the rib (marked D') as the rib is extended, and which springs upward and engages the rib, as seen in Fig. 4, when it has attained its outer or fully-extended position, and holds it in that position. The spring-catch may be drawn down to release the rib by means of an eye, I', which extends down through the brim, and to which a tassel, J, is shown attached for convenience in operating. I prefer to hang at the opposite side of the brim a tassel, J', which is held when the tassel J is pulled down to prevent the tilting of the hat.

For convenience in drawing out the rib D', and to distinguish this rib from the others, I attach to its end a tassel, D'.

I' is a spring-catch similar to that I, and in such a position that the rib D' engages upon it when about one-half of the ribs are extended, the remainder of the ribs remaining in their contracted position. The eye I' of the catch I' receives the same tassel-cord as the eye of the catch I, so that both catches are drawn down by a single movement of the tassel.

The purpose of spreading out only one side of the shade is to enable the hat to be used as a sunshade when the sun is continually upon one side, without the possible inconvenience of a broad extension upon the other side.

The extension folding over the brim when contracted in a number of overlapping folds, forms an ornament to the hat, and a shade, not only preventing the passage of the sun's rays to the brim, but also protects the part of the crown in contact with the head.

I claim as my invention—

1. In a hat-shade, the combination, with the spring-pivoted ribs D, of the contracting-cord H, located between the ends of the ribs, as set forth.

2. In a hat-shade, the combination, with the brim, of the extension folding over the brim in a number of overlapping folds, as set forth.

3. In a hat-shade, the combination of pivoted ribs D, cord G, and rib-retaining catch I, as set forth.

4. The combination of the extension, the pivoted ribs, the connecting rim cord, and the spring-catches I and I', as set forth.

WILHELM MUNZ.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.