

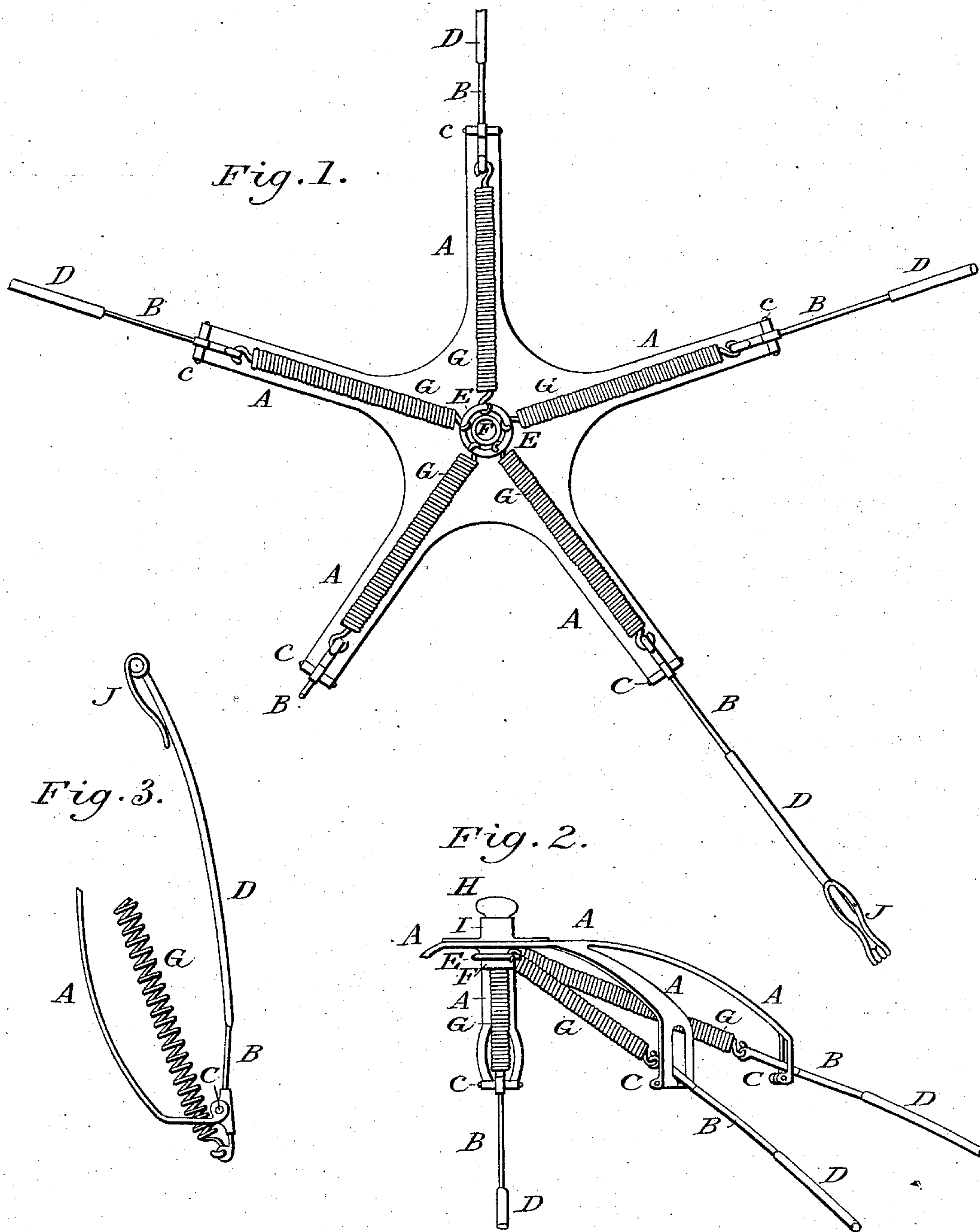
(No Model.)

C. A. HELBIG.

HAT PROTECTOR.

No. 292,487.

Patented Jan. 29, 1884.



Witnesses:

Guotav Bohn
George A. Hug

Inventor:

Charles A. Helbig

UNITED STATES PATENT OFFICE.

CHARLES A. HELBIG, OF INDIANAPOLIS, INDIANA.

HAT-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 292,487, dated January 29, 1884.

Application filed November 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. HELBIG, a citizen of the United States, residing at Indianapolis, county of Marion, State of Indiana, have invented a Hat-Protector, of which the following is a specification.

The object and nature of my invention are to cover and protect hats of any shape or size. The mechanism of my invention is a skeleton folding frame provided with sliding tubes, in order to make its adjustment universal and enable me to decrease the size when folding, the said frame to be covered with water-proof material. I attain these objects as shown in the accompanying drawings, in which—

Figure 1 is an inside view of the entire mechanism; Fig. 2, a sectional vertical view as it appears unfolded and extended; Fig. 3, a sectional view in a folded condition.

Similar letters refer to similar parts throughout the several views.

A is the body or center piece, to which the link or rod B is connected with the pin C; D, the tube which slides over rod B, increasing or decreasing the size of the frame; G, a close coiled spring attached to ring E and link B, supporting the frame when unfolded, as shown in Fig. 2; F, a small tube in the center of body A, over which ring E is secured. I, Fig. 2, is a round plate or washer fitting over tube F; J, a clamp attached to lower end of tubes D, (shown in Figs. 1 and 3;) H, an ornamental button fastened in tube F.

The covering previously referred to is accomplished and attached to the frame in the following manner:

First. Being cut in five sections, sewed and fitted, the top fastening is secured by being slipped over tube F and held in proper position by washer I.

Second. In order to prevent tubes D slipping off rods B, the covering is attached to

said tubes, when sufficient part of rods B are still remaining in tubes D.

Third. In using my hat-protector the above-mentioned clamps will answer for fastening various-shaped hats by being secured to the rim of the hat. In addition I have provided the lower edge of the covering which projects sufficiently below the clamps, so as to allow a hem through which an elastic cord passes, to make it as near as, I think, possible a universal fastening.

Fourth. The manner of folding is done by sliding tubes D over rod B, which will shorten the parts of frame, and then each separately raised to position, as shown in Fig. 3, and held in such position by an elastic cord conveniently attached to covering.

I feel convinced that the construction of my invention will give ample water-proof protection to all plain and ornamental hats.

I therefore claim the whole as my original invention, and desire to secure the following features by Letters Patent:

1. The center piece, A, which has odd branches, as shown in Fig. 1, so as to prevent an opposite contact of frame when folded, as specified fully heretofore.

2. Sliding tubes D, applied to rod B, as duly described, so as to enable universal use of my invention, and decrease the size when the whole is folded, so that it may be placed in the smallest crown of a hat when not using.

3. The springs G, attached as clearly specified, acting as a support of the frame, as shown in Fig. 2, and, furthermore, is a factor to facilitate immediate unfolding, the spring being in a strained condition, as shown in Fig. 3, all substantially as set forth.

CHARLES A. HELBIG.

Witnesses:

ROLLIN DEFREES,
GEORGE A. HUG.