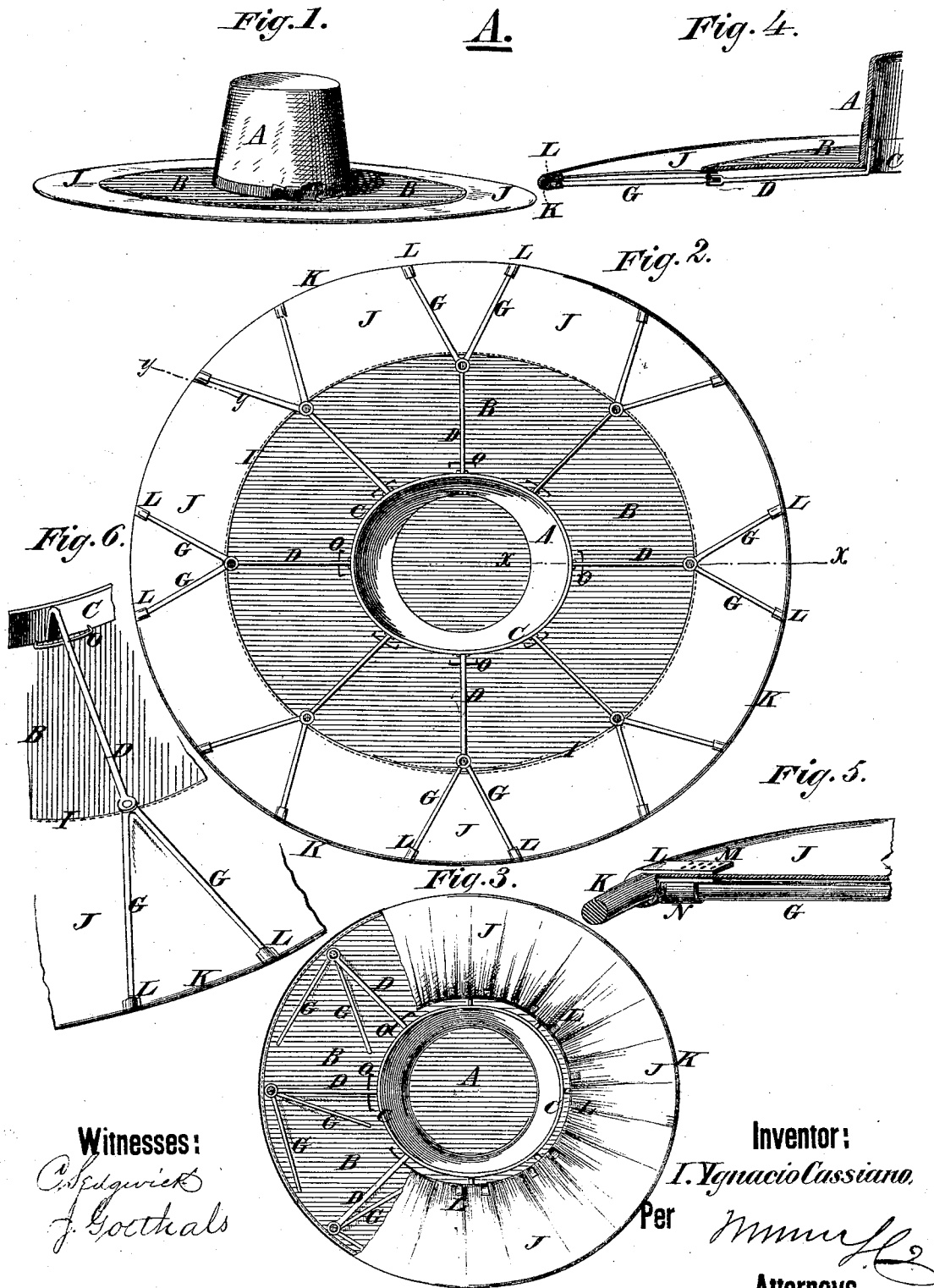


I. Y. CASSIANO.
Extension Hat Brims.

No. 140,614.

Patented July 8, 1873.



UNITED STATES PATENT OFFICE.

I. YGNACIO CASSIANO, OF SAN ANTONIO, TEXAS.

IMPROVEMENT IN EXTENSION HAT-BRIMS.

Specification forming part of Letters Patent No. **140,614**, dated July 8, 1873; application filed March 29, 1873.

CASE A.

To all whom it may concern:

Be it known that I, I. YGNACIO CASSIANO, of San Antonio, in the county of Bexar and State of Texas, have invented a new and Improved Extension Hat-Brim, of which the following is a specification:

For an extension sun-shade attachment to hat-brims, to be extended for use or folded back at will, I propose to have a wide annular piece of cloth, having an India-rubber cord in the outer edge, sewed to the outer edge of the ordinary brim, and stationary arms projecting from a supporting-ring at the base of the crown under the ordinary brim to the edge, with branched extension arms pivoted to them, so as to swing outward and engage with socket-clips on the flexible cord to extend the brim; and these clips, with which the extension arms connect detachably, engage with hooks at the base of the crown, when the extension brim is folded back under the principal brim, to hold it up close to the under side of the latter; at the same time the India-rubber cord draws or shirs the edge of the reversed extension brim around the opening of the crown in a manner to dispose it completely and neatly when it is not required to have it extended.

Figure 1 is a perspective view of a hat with an extension brim extended. Fig. 2 is a plan of the under side of the hat with the brim extended. Fig. 3 is partly a plan view of the under side of the hat with the brim folded, and partly a horizontal section. Fig. 4 is a section of Fig. 2 taken on the line *x x*. Fig. 5 is a detail of the brim in section, enlarged to show the arrangement of the socket-clips with the extension arms, the cloth, and the elastic cord; and Fig. 6 is an enlarged detail view of the under side of a section of the extended brim and the ring on which the stationary arms are supported.

Similar letters of reference indicate corresponding parts.

A is the crown, and B the brim, of a hat of any approved kind adapted for the applica-

tion of my extension brim. C is a strong ring of metal or any other suitable or approved substance, which I fit into the crown snugly, flush with the bottom, and secure in any approved way, for the support of stationary radiating arms D of stiff steel or other wire, which are fastened to it by angle-pieces at the ends, riveted to the side of the ring, or in any other approved way, and extend from it under the brim B to the outer edge, where they have the branched extension arms E pivoted to them, so as to extend as far as the width of the extension brim when swung outward, and so as to swing back within the periphery of the brim B and the crown of the hat, as represented in Fig. 3. J is the annular ring of cloth for the extension brim. It is sewed onto the outer edge of the permanent brim at I, and is attached at the outer edge to an elastic India-rubber cord, K, by clips L, consisting of a thin metal plate bent around the cord and lapped at the ends, between which the edge of the cloth is fitted and secured by stitches, as shown at M. These clips also have a socket, N, by which the outer ends of the extension arms are connected when the brim is extended, so that the said extension arms can hold the brim in the extended condition. O represents little hooks attached to the permanent arms near the crown of the hat for the connection of these clips to hold the extension brim when it is folded up, the connection being made by hooking the sockets on the points of the hooks.

The tension of the extension cloth and the elastic cord keep the clips on the ends of the branched folding-arms, and hold the arms from swinging back; but they offer but little resistance to the detachment of the clips by stretching them outward to pull them off the ends of the braces, or the same operation when they are put on the braces.

The operations by which the brim is extended and folded will be clearly understood by inspection of Figs. 2 and 3, in which it is represented extended and folded.

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

1. The combination, with a hat, of a brim or sun-shade, J, for extending beyond the permanent brim, also for folding back under it, substantially in the manner described.

2. The combination of the ring C, stationary arms D, adjustable arms G, and clips L with a hat and an extension brim, J, substantially as specified.

3. The combination of the elastic cord K with the extension brim and the clips L, substantially as specified.

4. The combination of the hooks O with the clips L, elastic cord, and the extension brim, substantially as specified.

I. YGNACIO CASSIANO.

Witnesses:

LEONARDO GARZA,
WM. H. YOUNG.