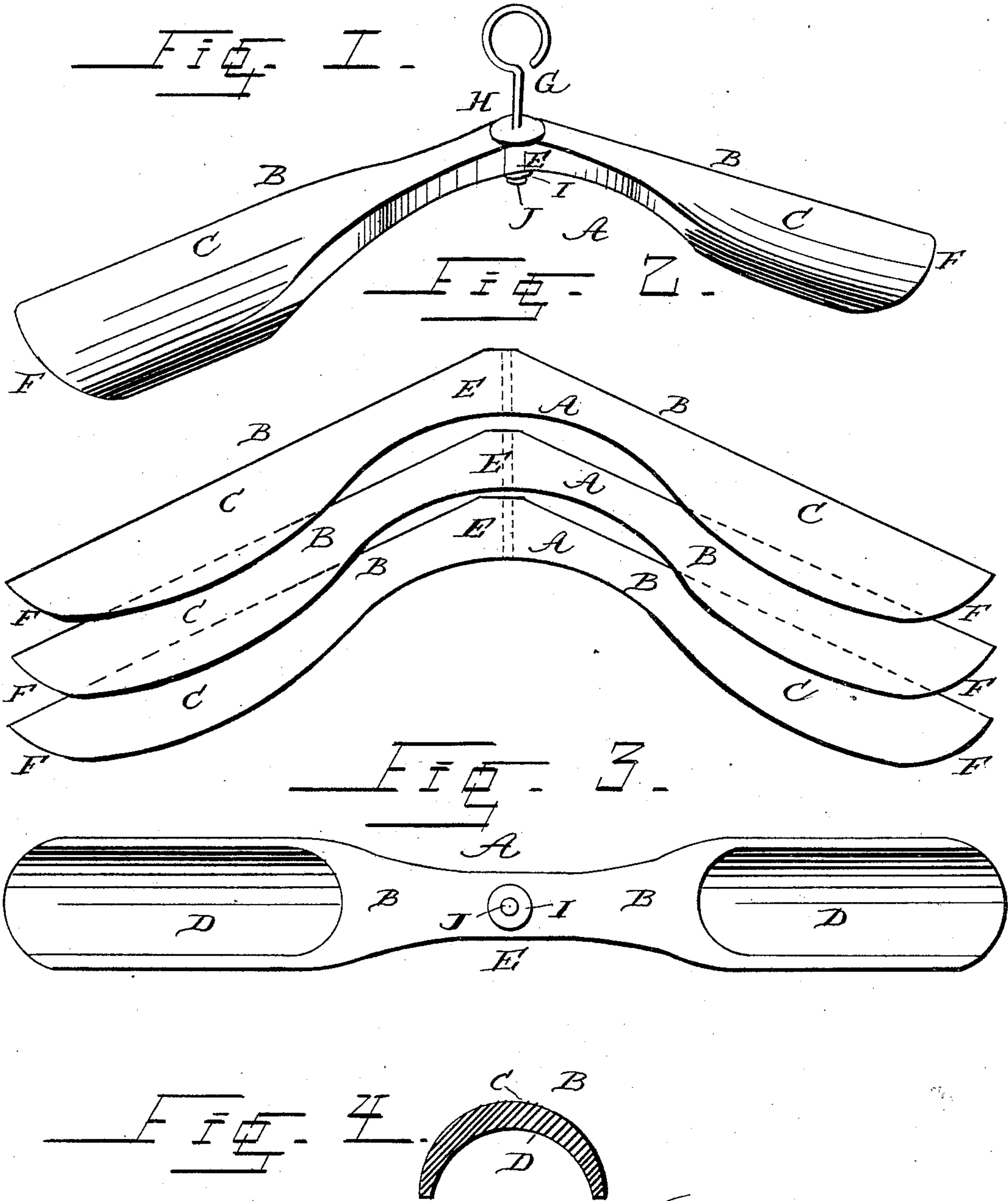


(No Model.)

C. V. DOE.
COAT HANGER.

No. 428,166.

Patented May 20, 1890.



Witnesses
M. F. Secher
my Gelatin

C. V. Doe,
Inventor,

By

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UNITED STATES PATENT OFFICE.

CHARLES V. DOE, OF NEW MARKET, NEW HAMPSHIRE.

COAT-HANGER.

SPECIFICATION forming part of Letters Patent No. 428,166, dated May 20, 1890.

Application filed February 25, 1889. Serial No. 301,039. (No model.)

To all whom it may concern:

Be it known that I, CHARLES V. DOE, a citizen of the United States, residing at New Market, in the county of Rockingham and State of New Hampshire, have invented certain new and useful Improvements in Coat-Hangers; 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.

My invention relates to coat-hangers; and it consists in the improved construction and arrangement or combination of parts herein after disclosed in the description, drawings, and claims.

The objects of my invention are, first, to provide a coat-hanger of the shape nearest approaching the shape of the human shoulder, and, second, to provide a coat-hanger of a shape which will permit of a number of said hangers being nested or packed together so as to occupy comparatively small space. These objects I attain by the device illustrated in the accompanying drawings, forming part of this specification, in which the same reference-letters indicate the same parts, and in which—

Figure 1 represents a perspective view of my improved coat-hanger; Fig. 2, a front view of a number of hangers ready for packing; Fig. 3, a view of the under side of the hanger, and Fig. 4 a transverse section of one of the arms of the hangers.

In the drawings, the letter A indicates the hanger, which is made of wood or similar material, and which has the arms B at about an angle of one hundred and thirty-five degrees to each other. The upper surfaces C of said arms are rounded, so as to form parts of a cylinder-surface, and the under sides D are correspondingly concaved, so that the said concave under sides may be fitted over the rounded upper sides of another hanger in packing a number of hangers.

The apex or central raised portion of the hanger (lettered E) is slightly reduced for the purpose of decreasing the bulk and weight of the hanger, and for the purpose of admitting of a better fit of a coat or similar garment supported upon the hanger.

The ends F of the arms are rounded to fit

easily and without wear within the shoulders of the coat or garment.

A hook G has its straight shank H pivotally secured through the apex or point of the hanger, and is secured by a washer I and enlarged head J upon its lower end, which bear against the under side of the hanger.

From the foregoing it will be obvious that the rounded arms may fit perfectly and naturally in the shoulders of the coat or garment supported upon the hanger, retaining the shape of the shoulders as if the coat or garment were worn by a person; that the rounded ends of the arms of the hanger may fit into the shoulders of the sleeves of said coat or garment and retain their proper rounded shape; that the reduced central portion of the hanger will admit of the neck portion and collar of the coat or garment retaining its proper shape or slope; that the angle of the arms of the hanger will retain the shoulders of the coat at their proper and normal slope, and that a number of hangers may be nested or stacked, after the hooks are removed or before they are put in place, so as to permit said hangers to be packed into a comparatively small package, on account of the convex and concave rounding of the upper and under sides of the arms of the hanger. It will furthermore be obvious that said hangers will be comparatively light and yet strong on account of the concaving of the arms, the reduction of said arms, incident to their being concaved or hollowed out, being compensated for by the rounding of the upper surfaces of the same.

Having thus fully disclosed the construction and arrangement or combination of the several parts of my improved coat-hanger, what I claim as new is—

1. A coat-hanger having the upper surfaces C of its arms cylindrically rounded, and having the under sides D correspondingly concaved, and having the ends F of its arms rounded, substantially as described.

2. A coat-hanger having the upper surfaces C of its arms cylindrically rounded, having the under sides D correspondingly concaved, having the ends F of said arms rounded, and formed with a reduced central portion E, substantially as described.

3. A coat-hanger having its arms B at an

angle of one hundred and thirty-five degrees to each other, having the upper surfaces C of said arms cylindrically rounded, having the under sides D of the same correspondingly
5 concaved, having the ends F of said arms rounded, and having the reduced apex or central portion E, substantially as described.

4. The combination, with a hanger A, having its arms B at an angle of one hundred and
10 thirty-five degrees to each other, having the upper side C of said arms cylindrically rounded and the under sides D correspondingly concaved, having the ends F of the

arms rounded, and having the reduced apex or central portion E, of the hook G, having 15 the shank H, pivotally secured in said apex or central portion, and having the washer I and head J upon its lower end, substantially as described.

In testimony whereof I affix my signature in 20 presence of two witnesses.

CHARLES V. DOE.

Witnesses:

JOHN H. KNIGHT,
GEORGE E. DOE.