

No. 860,202.

PATENTED JULY 16, 1907

I. D. FELLOWS.
COAT HANGER.

APPLICATION FILED OCT. 23, 1906.

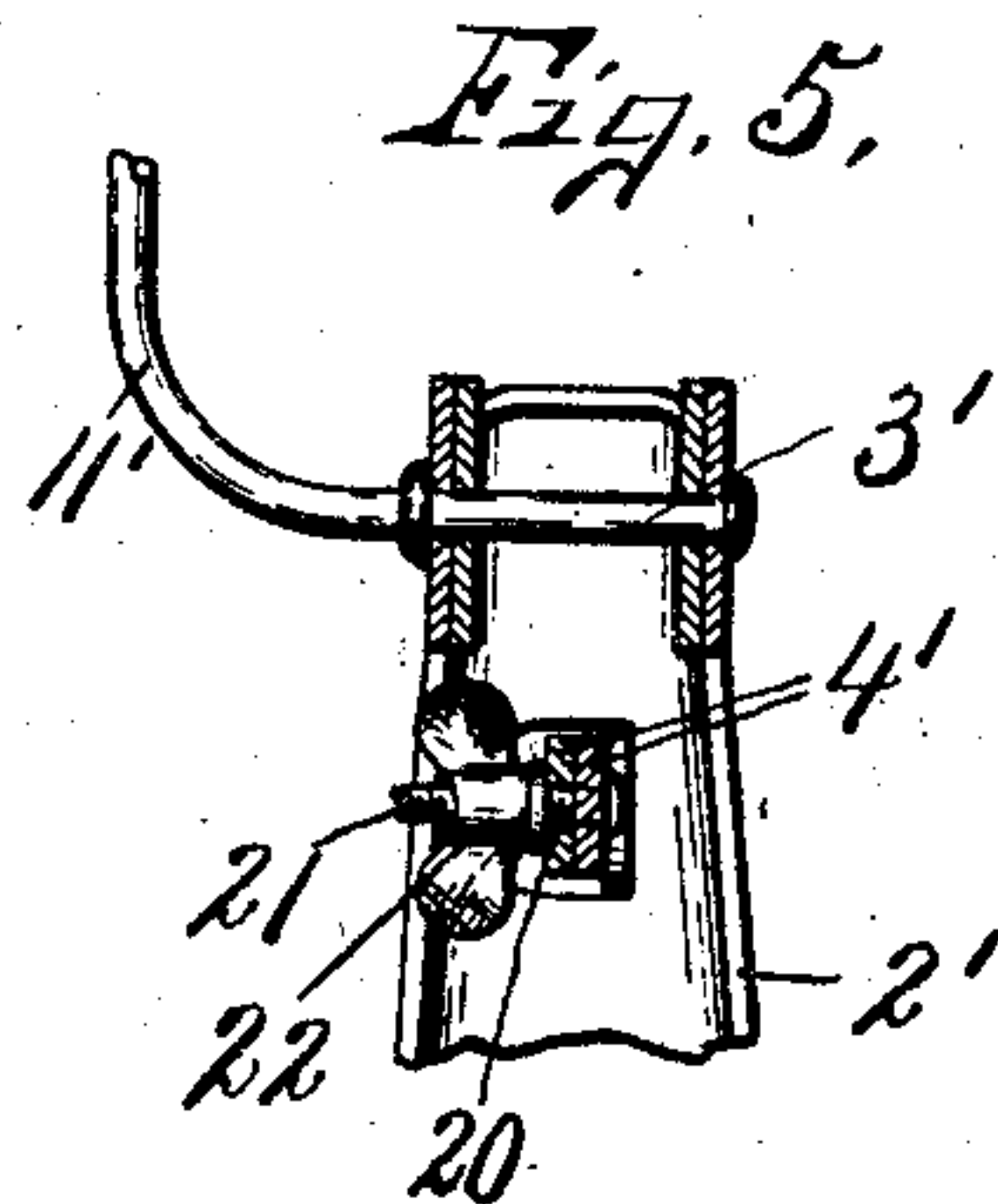
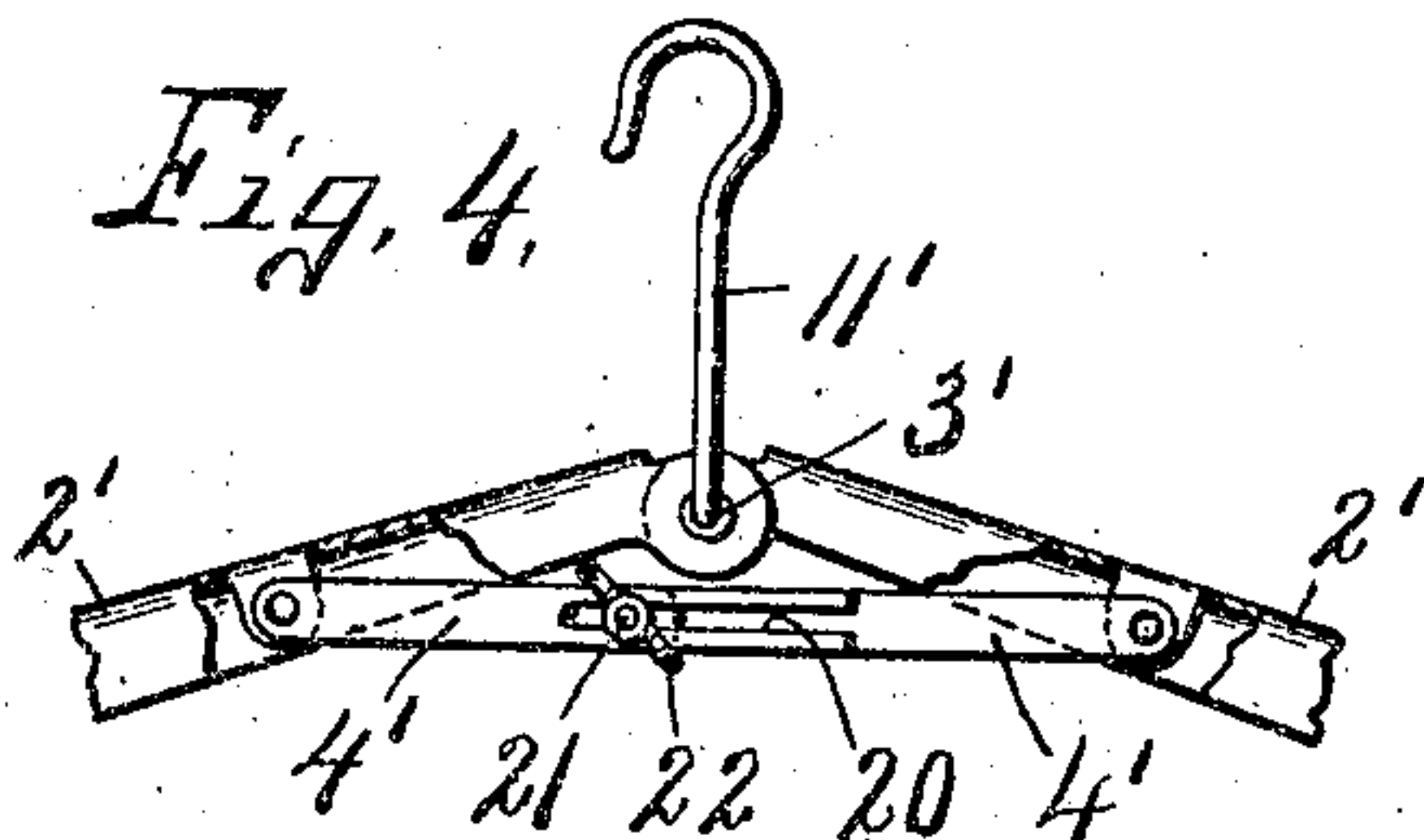
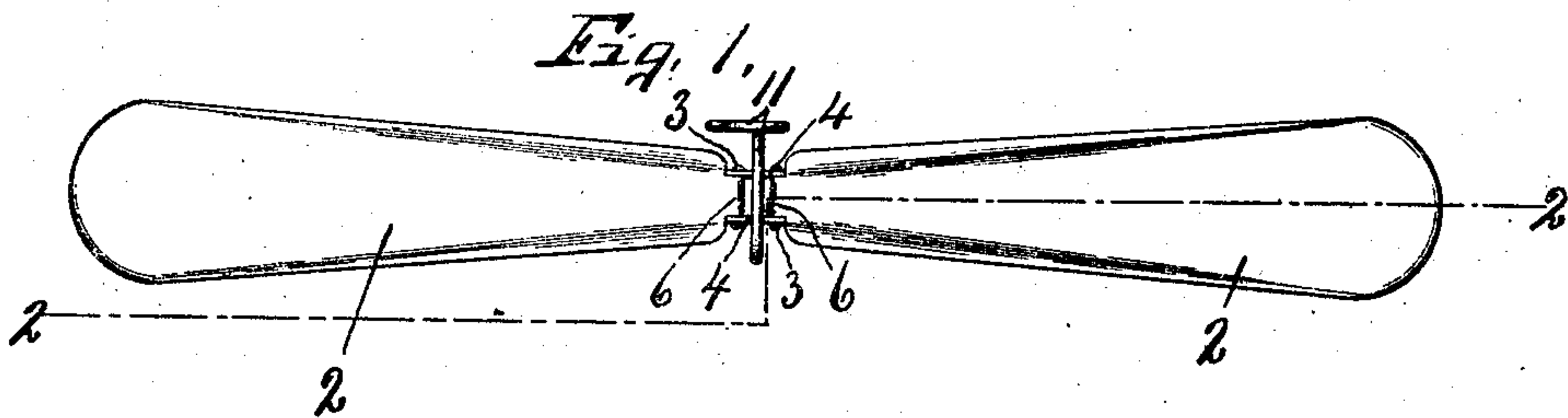
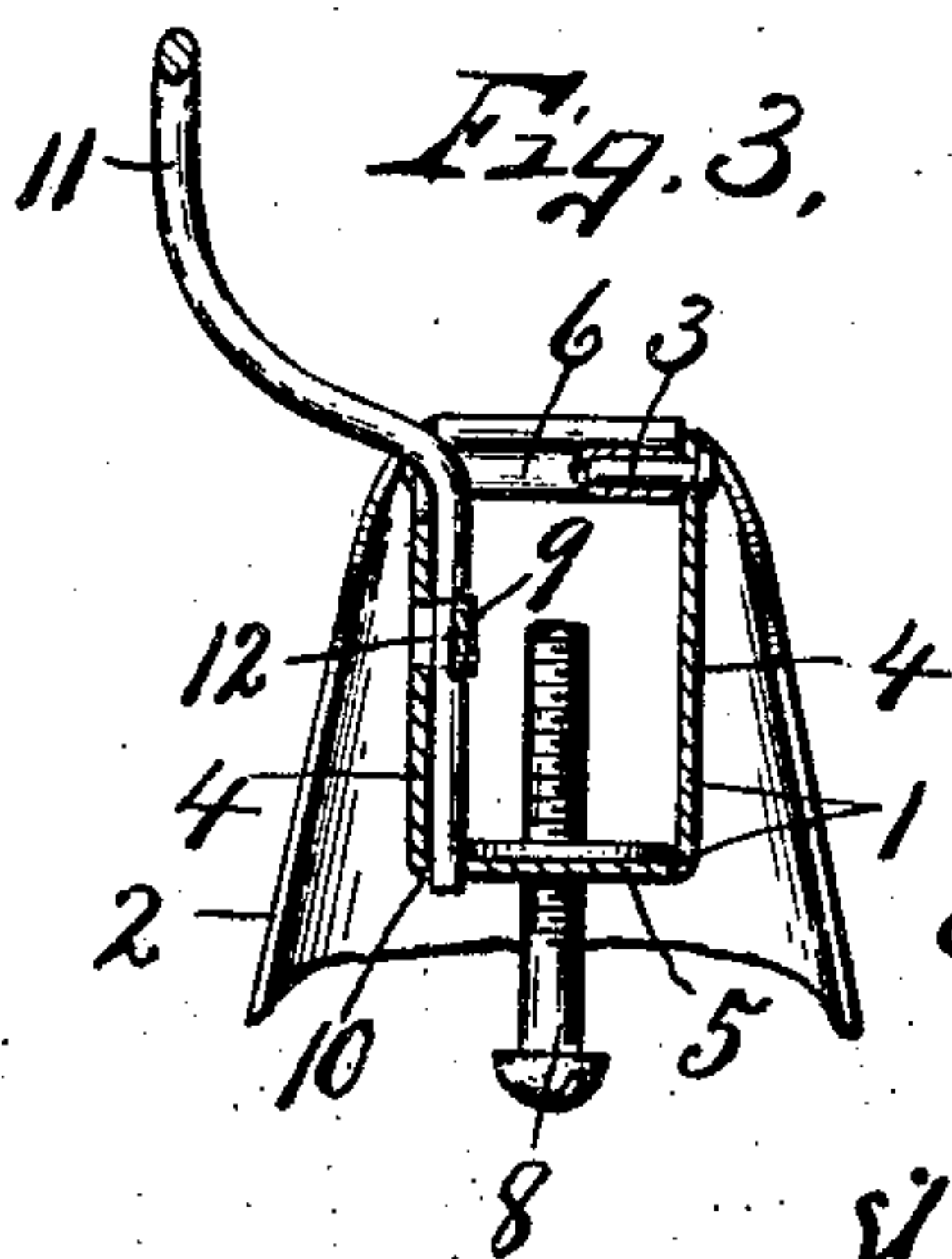
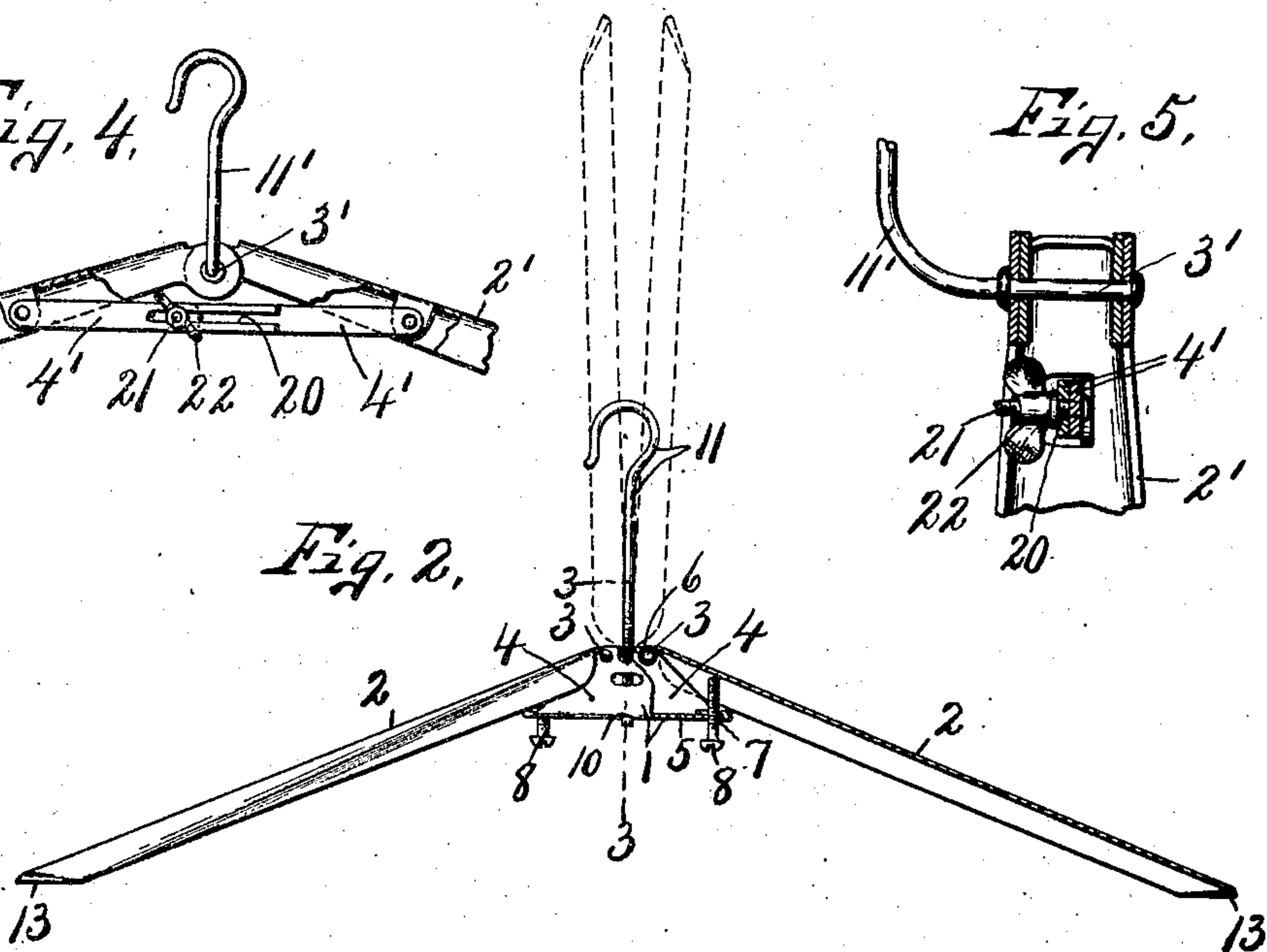


Fig. 2.



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IRVING D. FELLOWS, OF SYRACUSE, NEW YORK.

COAT-HANGER.

No. 860,202.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed October 23, 1906. Serial No. 340,161.

To all whom it may concern:

Be it known that I, IRVING D. FELLOWS, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Coat-Hangers, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to improvements in garment holders, and refers more particularly to a coat-hanger, the object of which is to suspend a central head from a suitable hook or eye, and to provide said head with a pair of similar oppositely projecting arms adapted to be folded when not in use toward each other so as to occupy a minimum space in storing or transportation.

A further object is to provide means for adjusting the arms to different angles toward and from a horizontal position.

Another object is to construct the head and arms of comparatively thin sheet metal in such manner as to be able to withstand any ordinary strains to which it might be subjected in use for the purpose for which it is intended.

A still further object is to provide a simple means for attaching the supporting hook to the central head without the use of bolts or rivets.

Other objects and uses will appear in the following description.

In the drawings—Figure 1 is a top plan of a coat-hanger embodying the features of my invention. Figs. 2 and 3 are sectional views taken respectively on lines 2—2, Fig. 1, and 3—3, Fig. 2. Fig. 4 is an elevation of the central portion of a modified form of my invention and Fig. 5 is an enlarged transverse sectional view through the head seen in Fig. 4 showing the brace arms in section.

This coat-hanger comprises essentially a sheet metal head —1— and a pair of oppositely projecting metal arms —2— having their adjacent ends hinged or pivoted at —3— to the upper part of the head —1—.

The head —1— is made of a single piece of comparatively thin sheet metal having opposite tapering sides —4— which are bent upwardly at substantially right angles to its intermediate portion —5—, thereby leaving a sufficient space between the sides —4— for receiving between them the adjacent reduced ends —6— of the arms —2—.

The upper ends of the tapering sides —4— are provided with opposite pairs of transverse apertures for receiving the hinge pins —3— and the reduced ends —6— of the arms —2— are each bent in the form of an eye around their respective hinge pins —3— and are of sufficient width to substantially fill the space between the upper ends of the sides —4—, thereby bracing said sides against inward compression and at the same time the hinge pins —3— are upset at their outer

ends against the sides —4— to prevent the lateral separation or displacement of said sides.

The opposite ends of the base or bottom —5— of the head —1— are overturned upon said bottom, thereby forming a double thickness of stock, and are provided with threaded apertures —7— for receiving opposite adjusting screws —8—.

The central portion of one side —4— of the head —1— is cut and pressed inwardly, forming a loop —9— some distance above the bottom —5— which is formed with an aperture —10— in vertical alinement with the opening in the loop —9— for receiving the lower end of the hanger-hook or supporting member —11—. This lower end of the hanger-hook —11— lies against the inner face of the adjacent side —4— of the head —1— and passes through the loop —9— and aperture —10— and the portion thereof engaging the loop —9— is flattened at —12— to prevent turning of the hanger-hook in the head —1— and also to prevent its vertical displacement.

The arms —2— are made of comparatively thin sheet metal of sufficient length to pass under and support the shoulders of a coat or similar garment, each of the arms being preferably concavo convex in cross section with its convex face uppermost and preferably increasing in width from its hinged end to its free end, which latter is bent downwardly or inwardly forming a reinforcing flange 13— to stiffen the free end of the arm against lateral compression.

The width of each arm is slightly greater than the transverse width of the head —1— and its downwardly deflected longitudinal edges overlap or rather cover the upper edges of the sides —4— of the head —1—, that is, the inner adjacent ends of the arms —2— extend some distance inwardly beyond the outer ends of the head —1— so as to afford a comparatively smooth surface upon which the coat or other garment rests, sufficient clearance being left between the hinge connections —3— to receive the lower end of the hook —11— without friction with the adjacent end of the arms —2—. These arms normally rest upon the upper ends of the screws —8—, which are adjustable in the head —1— and thereby enables the arm —2— to be adjusted to different angles to and from a horizontal position, or they may be folded upwardly, back to back, against opposite sides of the hook —11—, as shown by dotted lines in Fig. 2, each occupying a comparatively small space in packing, storing or transportation.

The hook proper at the upper end of the hanger element —11— is offset in a plane at the opposite side of the head —1— opposite to that to which the lower end is secured and out of the folding path of the arms —2— so as to allow said arms to be folded close together.

In operation, the hook —11— may be hung upon a suitable nail or other available support and the arms

—2— unfolded until they bear upon the ends of the screws —8— in which position the whole device is ready to receive and support a coat or similar garment. When the device is not in use the arms —2— may be folded upwardly to the position shown by dotted lines in Fig. 2, and stored or packed in a valise or trunk within a very small space.

In Figs. 4 and 5 I have shown a modified form of coat hanger comprising vertically adjustable arms 2' —2'— hinged to each other by a pin —3'— forming a part of a hook —11'—, said arms —2' —2'— being connected below their swinging axis by links or braces 4' —4'— hinged thereto and slidable one upon the other. One of these braces —4'— is provided with a lengthwise slot —20— receiving a clamping screw —21— which is secured to the other brace and is provided with a thumb nut —22— for clamping the braces in their adjusted position. This enables the arms —2' —2'— to be adjusted vertically to any angle or they may be drawn apart sufficiently to disengage one brace from the other to allow the arms and braces to be folded down in a comparatively small space for shipping or storage.

What I claim:

- 25 1. In a coat-hanger, a sheet metal head having its opposite sides bent in the same direction and spaced apart, adjusting screws in the opposite ends of the head, folding sheet-metal arms hinged to the head and bearing upon the upper ends of the screws, and supporting means attached to the head.
- 30 2. A coat hanger comprising a head and upwardly fold-

able arms hinged thereto, said head having its bottom extending under the arms beyond their hinges, and adjusting devices in the opposite ends of the bottom of the head and engaging the under side of the arms.

3. A coat hanger comprising a sheet metal head having a bottom portion and side portions, the side portions extending upwardly from the bottom and spaced apart, adjusting screws in the opposite ends of the bottom of the head, opposite arms hinged to the upwardly projecting sides of the head and resting upon the upper ends of the adjusting screws, and a hook having one end interposed between the opposite sides of the head and engaged with the bottom of said head.

4. A coat hanger comprising a sheet metal head having a bottom and upturned sides, the bottom having an aperture, and one side having a loop, a hook having one end inserted through said loop and into the aperture in the bottom of the head, oppositely projecting arms hinged to the head, and means on the head for supporting the arms against downward movement.

5. A coat-hanger comprising a sheet-metal head having its opposite sides bent upwardly in the same direction and spaced apart; one side of said head having a portion thereof cut and pressed inwardly forming a loop, and the bottom of the head having an aperture in vertical alignment with the loop, a hanger-hook having its lower end inserted in said loop and aperture and flattened where it engages the loop to prevent displacement thereof from the head, and oppositely projecting arms hinged to the head.

In witness whereof I have hereunto set my hand this 17th day of October, 1906.

IRVING D. FELLOWS.

Witnesses:

H. E. CHASE,

C. M. McCORMACK.