

No. 684,766.

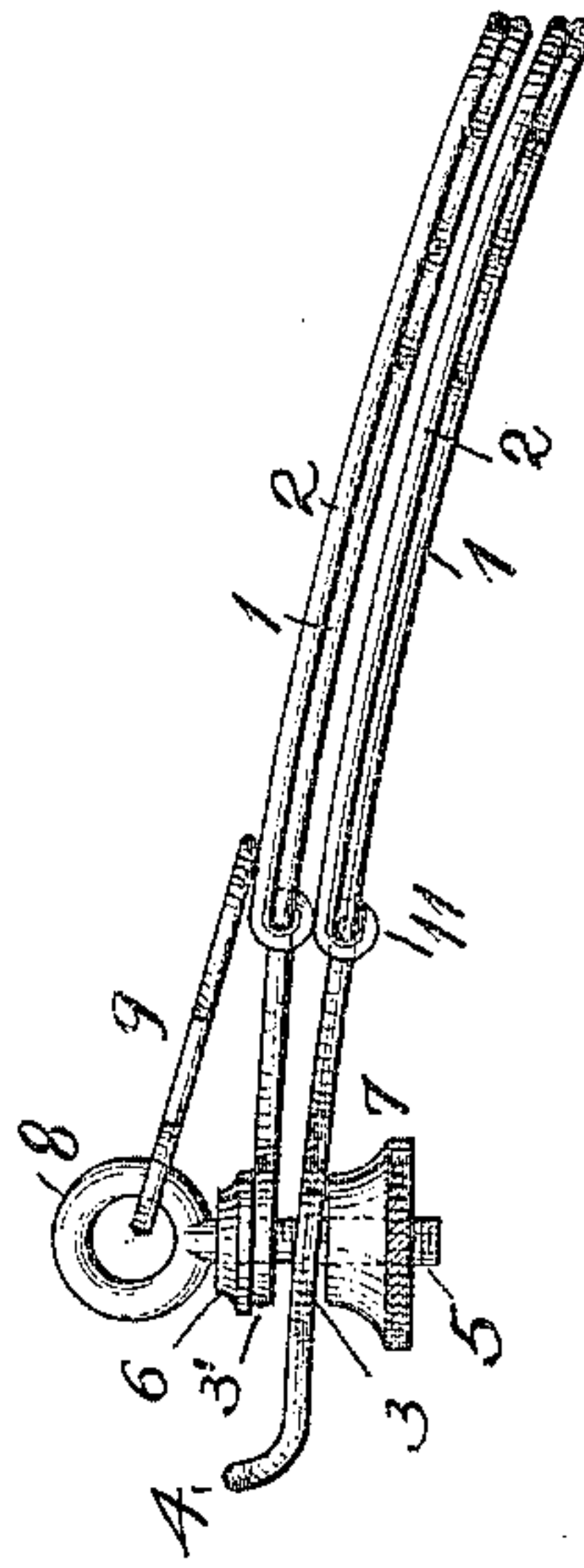
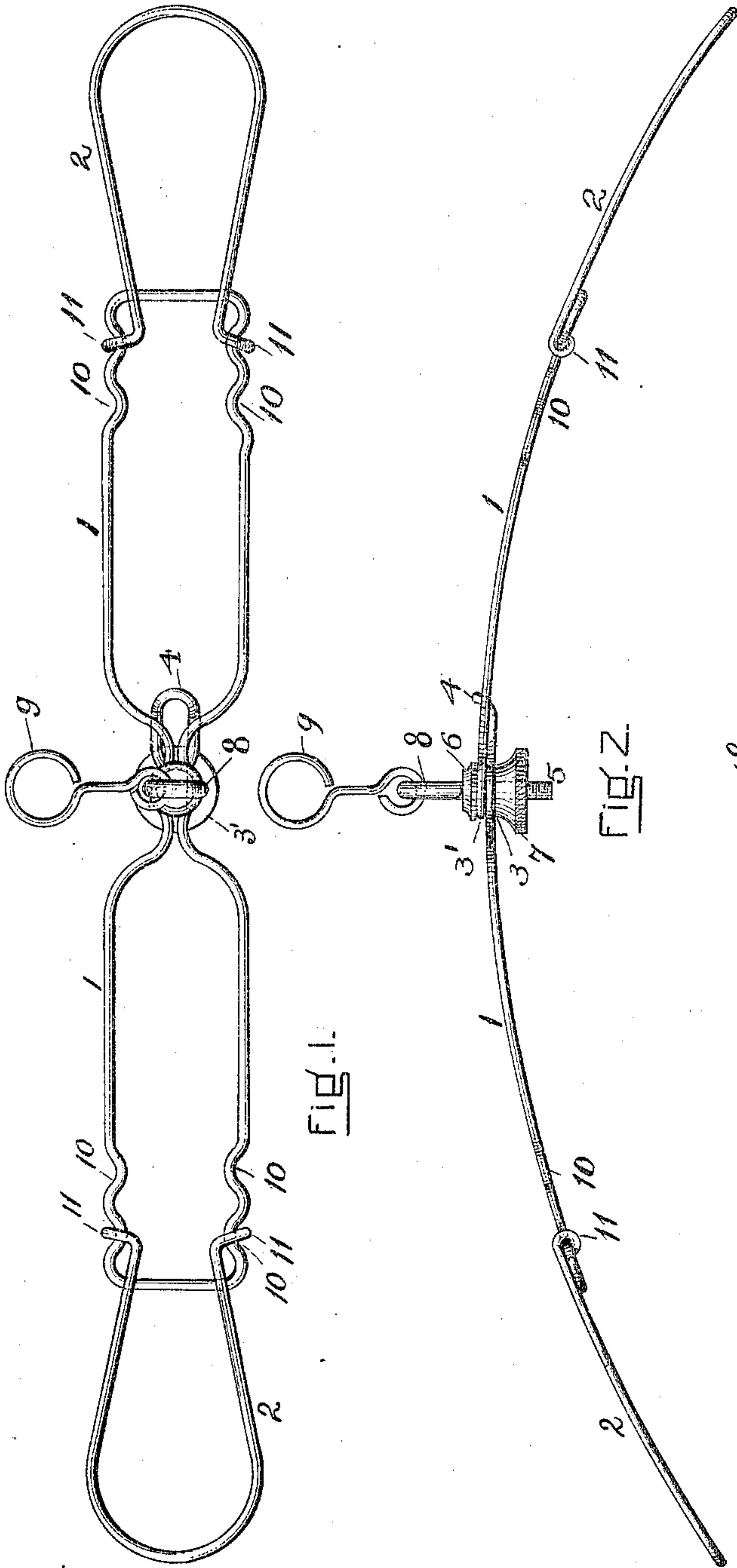
Patented Oct. 15, 1901.

W. H. DURANT.

ADJUSTABLE FOLDING GARMENT HANGER.

(Application filed Apr. 6, 1901.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

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ADJUSTABLE FOLDING GARMENT-HANGER.

SPECIFICATION forming part of Letters Patent No. 684,766; dated October 15, 1901.

Application filed April 6, 1901. Serial No. 54,758. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. DURANT, a citizen of the United States, and a resident of Concord, in the county of Merrimack and State of New Hampshire, have invented a new and useful Improvement in Adjustable Folding Garment-Hangers, of which the following is a specification.

My invention relates to garment-hangers; and its object is to provide a light and inexpensive garment-hanger which may be adjusted in width and may also be conveniently and compactly folded into small compass for the purpose of transportation and storage.

The accompanying drawings illustrate my invention.

Figure 1 is a plan view of my improved garment-hanger, showing the parts in open or extended position. Fig. 2 is a corresponding elevation of my improved garment-hanger, and Fig. 3 is an elevation of my garment-hanger when folded.

The same parts are indicated by the same reference-numbers in all the figures.

1 1 represent the two parts of the folding supporting-frame, which may be made of any suitably-stiff wire bent into loops, as shown in Fig. 1. The plane of these loops may curve downward, as shown in Figs. 2 and 3, to conform to the shape of the shoulders of a coat. The inner ends of the loops 1 1, which are to be pivoted together, are contracted and a ring or eyelet 3 3' formed in each. A threaded pin or bolt 5 passes through the rings 3 and 3', serving as a pivot for the parts 1 1 of the supporting-frame. It will be seen that the parts 1 1 are thus vertically pivoted together, and thereby enabled to be slidably folded, like a pair of scissors, the convex side of one loop fitting into the concave side of the other loop. The folding is consequently more compact than in constructions where the parts are horizontally pivoted and folded together top to top or bottom to bottom. The bolt 5 is provided with a head or washer, as at 6, and is threaded at the other end and provided with the thumb-screw 7, which may be set up tightly on the bolt 5 to hold the supporting-loops 1 1 firmly together, either in their open or closed position. A ring or eye 8 for sup-

porting all the parts may be provided and may be integral with the head 6 or attached to it in any suitable manner. It is also convenient to provide a longer hanging hook or ring 9. The contracted part of one of the loops 1 1 projects beyond the ring 3 and is upturned or deflected to form the bent finger or lock 4. The lock 4 is proportioned to fit into the crotch of the other supporting-loop when the frame is open or extended. When the screw 7 is set up tight, the lock 4 positively holds the folding parts 1 1 in their unfolded or extended position and prevents any lateral play of the folding parts when the garment-hanger is in use.

Upon either side of the loops 1 1 are the corrugations or crinkles 10 10 to engage with the sleeves of the extension-loops.

2 2 are extension-loops, preferably made of stiffly-resilient wire and mounted upon the supporting-loops 1 1 by means of the sleeves or rings 11 11, which slide upon the sides of the supporting-loops. The length of the hanger may thereby be adjusted to the breadth of the garment to be hung thereon. The extension-loops 2 2 being made of resilient wire are themselves springs, acting either as compression-springs or as tension-springs, according to the normal width of the opening of the ends of loops 2 2. In either case the sleeves 11 11 may be held by the spring in some pair of the corrugations 10 10 at the desired length and prevent the extension-loops from sliding inwardly and from being turned out of alignment with their supporting-frames. While I have shown a spring as a means for holding the extension parts in the desired position, it will be seen that the corrugations 10 10 alone, in engagement with the sleeves 11 11, would serve the same purpose by the weight of the garment, though in a less certain degree than when the sleeves 11 11 are resistingly held in engagement with the corrugations by means of the spring.

To fold the hanger, the extension-loops 2 2 are slid inwardly upon the supporting-loops 1 1 as far as the contracted parts of the latter, the thumb-screw 7 is loosened sufficiently to allow the lock 4 to be withdrawn from the crotch of the opposite loop 1, and the supporting parts folded together upon their pivot

5. The hanger will then be compactly folded, as shown in Fig. 3 of the drawings.

What I claim, and desire to secure by Letters Patent, is—

5 1. In a garment-hanger, a folding supporting-frame, consisting of two loops pivoted together, and spring extension-loops longitudinally adjustable thereon adapted to be self-retained either in extended or contracted position.

10 2. In a garment-hanger, a folding supporting-frame, consisting of two loops vertically pivoted together and adapted to be folded, the folding movement being in the planes of the supporting-loops, and an extension-loop longitudinally adjustable upon each of said supporting-loops.

15 3. In a garment-hanger, a folding supporting-frame, consisting of two loops vertically pivoted together and adapted to be folded, the folding movement being in the planes of the supporting-loops, and an extension-loop longitudinally adjustable upon each of said supporting-loops, and means for locking said supporting-loops in open position.

20 4. In a garment-hanger, a folding supporting-frame, consisting of two loops vertically pivoted together and adapted to be folded, the folding movement being in the planes of the supporting-loops, and an extension-loop longitudinally adjustable upon each of said supporting-loops, said supporting-loops being provided with corrugations adapted to positively hold said extension-loops at predetermined points.

25 5. In a garment-hanger, a folding supporting-frame, consisting of two loops one end of each of which is contracted, said loops being vertically pivoted together at their contracted parts, and adapted to be folded, the folding movement being in the planes of the supporting-loops, a lock formed by the extension of the contracted part of one of said loops so proportioned and deflected as to fit within

the crotch of the other loop and adapted to 45 positively hold said loops in open position, means for binding said loops either in open or closed position, and a spring extension-loop longitudinally adjustable upon each of said supporting-loops.

50 6. In a garment-hanger, a folding supporting-frame, consisting of two loops one end of each of which is contracted, said loops being vertically pivoted together at their contracted parts, and adapted to be folded, the folding 55 movement being in the planes of the supporting-loops, a lock formed by the extension of the contracted part of one of said loops so proportioned and deflected as to fit within the crotch of the other loop and adapted to posi- 60 tively hold said loops in open position, means for binding said loops either in open or closed position, and a spring extension-loop longitudinally adjustable upon each of said supporting-loops, said supporting-loops being pro- 65 vided with corrugations adapted to positively hold said extension-loops at predetermined points.

7. In an adjustable folding garment-hanger the folding supporting-loops 1, 1, each having 70 a contracted end, said loops being vertically pivoted together at their contracted ends, the corrugations 10, 10 on either side of said loops 1, 1, the lock 4 upon the contracted end of one of said loops adapted to fit within the 75 crotch of the contracted part of the other of said loops, the bolt 5 comprising the pivot for said loops provided with the thumb-screw 7, and the longitudinally-adjustable spring extension-loops 2, 2, each being provided with 80 the sleeves 11, 11 and mounted upon said supporting-loops by said sleeves.

Signed by me at Concord, New Hampshire, this 29th day of March, 1901.

WILLIAM H. DURANT.

Witnesses:

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