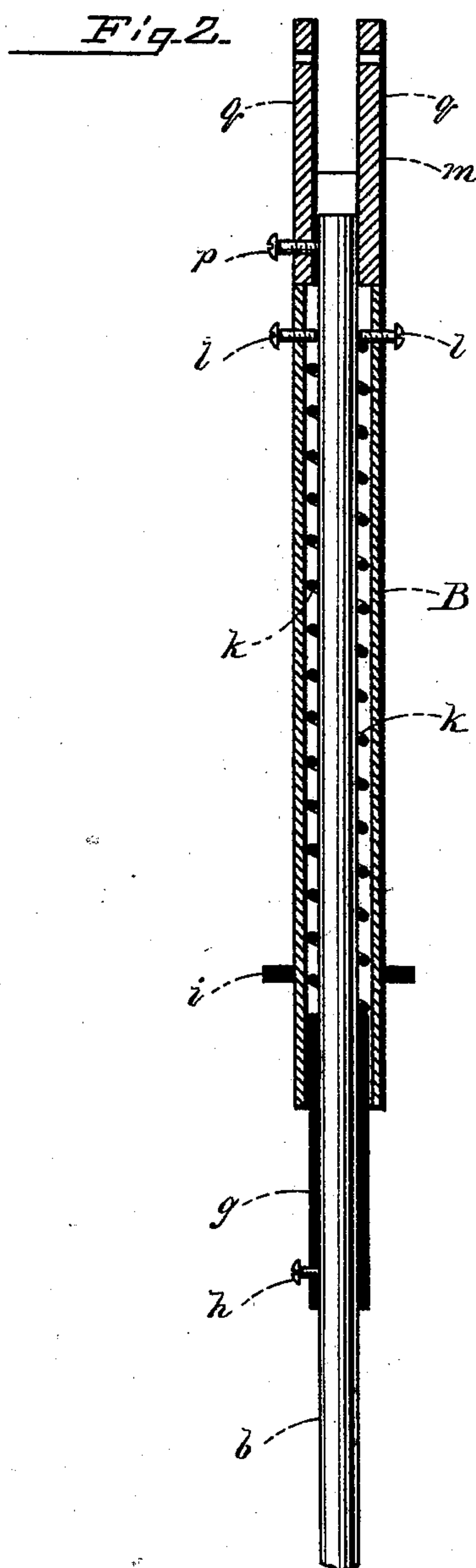
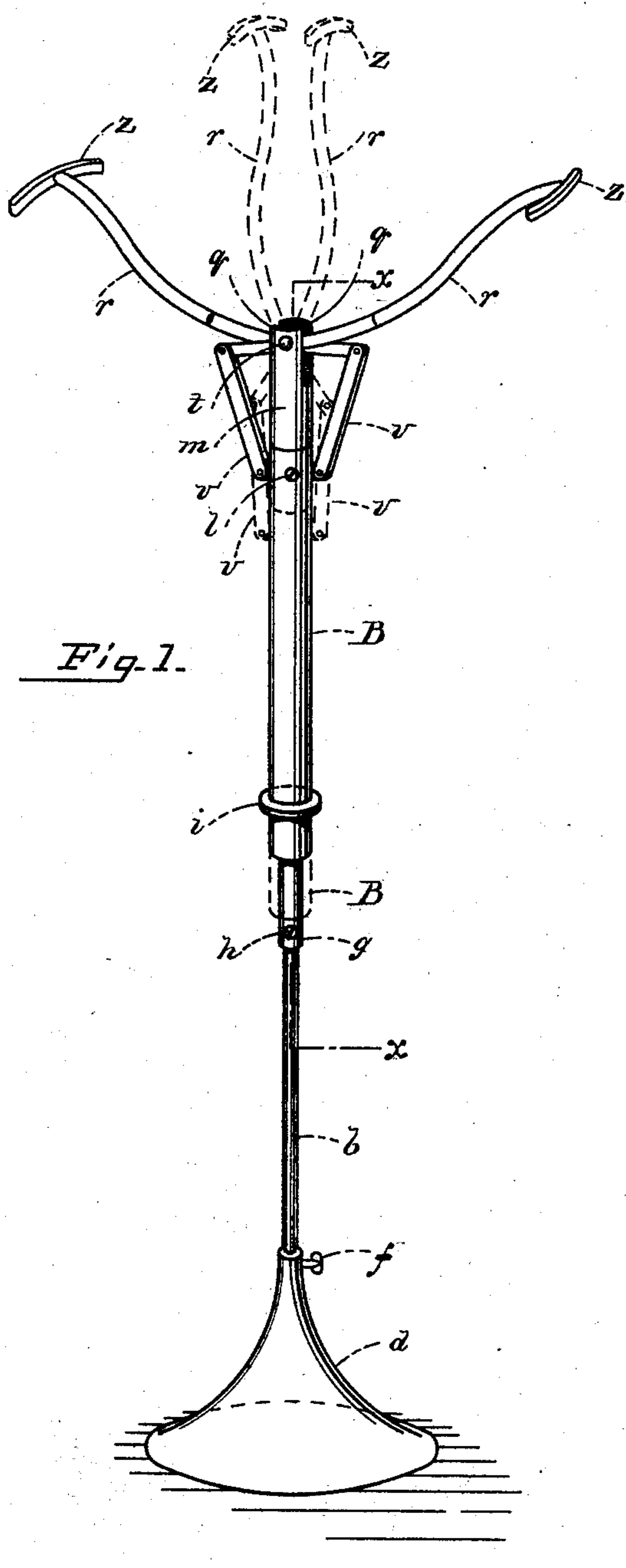


(No Model.)

F. M. WILSON.
DISPLAY STAND.

No. 393,873.

Patented Dec. 4, 1888.



WITNESSES=
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UNITED STATES PATENT OFFICE.

FRANCIS M. WILSON, OF BOSTON, MASSACHUSETTS.

DISPLAY-STAND.

SPECIFICATION forming part of Letters Patent No. 393,873, dated December 4, 1888.

Application filed October 15, 1888. Serial No. 288,078. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS M. WILSON, of Boston, in the county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Display-Stands, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side elevation of my improved stand represented as in position for use; and Fig. 2, an enlarged vertical transverse section taken on line *x x* in Fig. 1, the base and arms being removed.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to that class of stands which are particularly adapted for use in displaying hats and similar articles; and it consists in certain novel features, as hereinafter fully set forth and claimed, the object being to produce a more effective and otherwise desirable device of this character than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation:

In the drawings, A represents the stand proper, which consists of a flaring weighted base, *d*, in which is detachably disposed a vertically-arranged rod or standard, *b*, said rod being held in position in said base by a thumb-screw, *f*. A short sleeve, *g*, is secured on the rod *b* by means of a set-screw, *h*. A tube, B, is disposed on the rod *b* and is fitted to slide vertically on the sleeve *g*, said tube being provided on its outside with an annular flange, *i*, by which it may be readily manipulated. A stiff coiled spring, *k*, is disposed around the rod *b* within the tube B, the lower end of said spring resting on the sleeve *g*, its upper end being engaged by retaining-screws *l*, which project horizontally inward through said tube and retain the spring in position therein, said spring acting expansively to force said tube upward. A short tube, *m*, is disposed on the top of the rod *b* and secured thereto by a set-

screw, *p*. The upper portion of the tube *m* is bisected vertically, forming arms *q*, two upwardly-curved transversely-projecting arms, *r*, being pivoted in the arms *q* on a pin, *t*. A lever, *v*, is pivoted by one end to the inner end of each arm *r*, the lower ends of said levers being pivoted on opposite sides of the tube B. On the outer or free end of each arm *r* is secured a transversely-arranged bar or holder, *z*.

In the use of my improvement the flange *i* on the tube B is grasped and said tube forced downward over the sleeve *g* against the pressure of the spring *k*. This draws downward the pivoted levers *v* and causes the free ends of the arms to approach each other, assuming the position shown by the dotted lines in Fig. 1. This permits a hat, bonnet, or similar article to be readily disposed on the holder *z*, after which the tube B is released and is forced upward by the spring *k*, thereby causing the arms *r* to separate and the holders *z* to be forced outward against the inner sides of the hat.

It will readily be seen that my device permits the article to be placed at any desired angle on the holders and securely retains it in position.

I do not confine myself to using the screws *l* for retaining the springs *k*, as the tube B may be constructed with an inwardly-projecting stud or flange in its upper portion, which will serve equally as well; nor do I confine myself to employing the short tube *m*, as it may be entirely dispensed with and the arms *r* pivoted directly in the top of the rod *b*.

Having thus explained my invention, what I claim is—

1. The combination of a vertical standard, a tube fitted to slide on said standard, a spring acting expansively to force said tube upward, transversely-projecting arms pivoted to the top of said standard, and pivoted levers connecting the inner ends of said arms with said tube, whereby the free ends of the arms may be brought together as said tube is forced downward, substantially as and for the purpose set forth.

2. The combination of a vertical standard, a sleeve secured on said standard, a tube fitted to slide on said sleeve, a coiled spring resting on said sleeve within said tube and act-

ing expansively to force the same upward, transversely-projecting arms pivoted to the top of said standard and provided with holders on their outer ends, and levers pivoted to said tube and the inner ends of said arms, whereby said arms are actuated as said tube is moved, substantially as described.

3. In a display-stand, the combination of a base provided with a vertical standard, a sleeve detachably secured on said standard, a tube fitted to slide on said sleeve, a coiled spring disposed around said standard within the tube and acting expansively to force said tube upward, a short tube detachably secured to the top of said standard, transversely-projecting arms pivoted in said short tube, and levers pivoted to said spring-actuated tube and the inner ends of said arms, substantially as and for the purpose set forth.

4. In a display-stand, the combination of the base *d*, provided with the standard *b*, the sleeve *g*, secured on said standard, the tube *B*, fitted to slide on said sleeve, the spring *k*, disposed around said standard within said tube, means for retaining the spring therein, the tube *m*, secured to the top of said standard, the arms *v*, pivoted in the tube *m* and provided with the holders *z*, and the levers *e*, pivoted to the tube *B* and inner ends of said arms, all being arranged to operate substantially as described.

FRANCIS M. WILSON.

Witnesses:

O. M. SHAW,

E. M. SPINNEY.