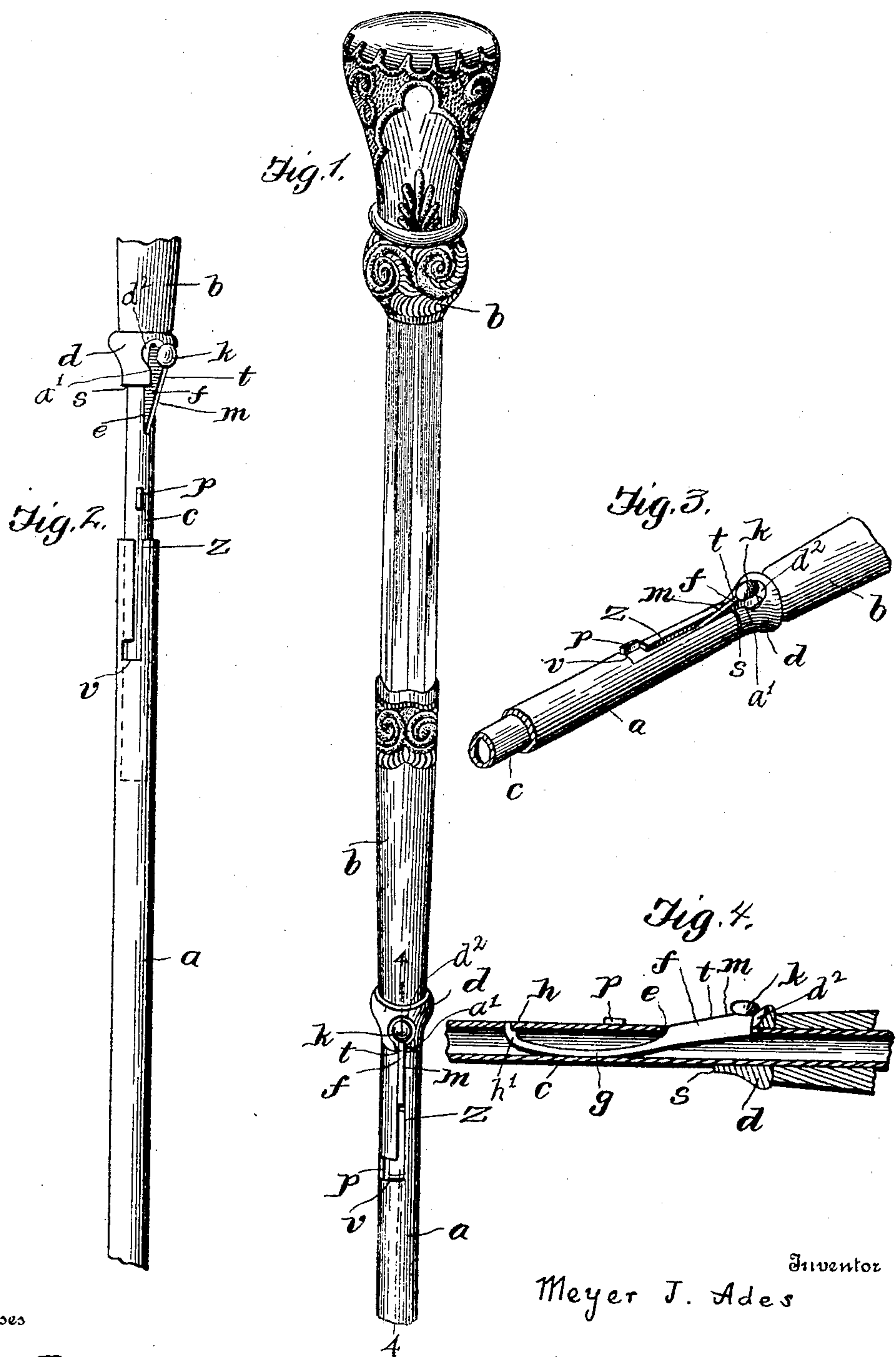


No. 805,615.

PATENTED NOV. 28, 1905.

M. J. ADES.
UMBRELLA HANDLE.
APPLICATION FILED FEB. 16, 1905.



Witnesses

Robert A. Boswell.
George M. Anderson

Inventor
Meyer J. Ades

By E. W. Anderson

his Attorney

UNITED STATES PATENT OFFICE.

MEYER J. ADES, OF BALTIMORE, MARYLAND.

UMBRELLA-HANDLE.

No. 805,615.

Specification of Letters Patent.

Patented Nov. 28, 1905.

Application filed February 16, 1905. Serial No. 245,846.

To all whom it may concern:

Be it known that I, MEYER J. ADES, a citizen of the United States, and a resident of Baltimore, State of Maryland, have made a certain new and useful Invention in Umbrella-Handles; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of the invention as applied. Fig. 2 is a similar view showing the handle partially detached from the stem. Fig. 3 is a perspective view of the invention as applied. Fig. 4 is a section on the line 4-4, Fig. 1.

The invention relates to umbrellas and parasols; and it consists in the novel construction and combinations of parts, as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a* designates a tubular stem of an umbrella, and *b* a detachable handle having a tubular portion *c*, adapted to pass within the tubular stem *a* and to fit the same neatly. The tubular portion or shank *c* is provided with a collar or shoulder-piece *d*, against which the end of the tubular stem *a* abuts when the parts are joined in position. The shank *c* is slotted at *e* longitudinally to form an opening for the depressible spring-catch *f*, which has a reduced spring extension *g*, provided with an outward-directed shouldered termination *h'*, engaging an interior seat *h* of the shank *c*. The slot *e* is usually located partially under the shoulder-piece *d*, which has an open-end slot *a'*, adapted to register with said slot *e*, and has a recess *d''*, adapted to receive the button *k* at the outer upper end of the inclined spring-catch when pressed down. When in raised position, the plane body *m* of the spring-catch *f* engages the slot and projects therefrom to engage an open-end slot *z* of the tubular stem *a* of the umbrella. The shank *c* is provided also with a catch-stud *p*, which is located a little to one side or out of line with reference to the slot *e* and projects to an extent which is about equal to the thickness of the tubular stem *a*.

The stem *a* is provided with an open-end slot *z*, extending longitudinally and having at one end a laterally-offset notch *v*, which is designed to fit neatly the stud *p* of the shank. The stud *p* and the notch *v* are, when the shank

and stem are engaged, equidistant from the shoulder *s* of the collar *d*, said shoulder being designed to engage the end of the stem.

The exposed edge *t* of the spring-catch *f* is inclined, sloping from the button to the level of the slot-wall of the shank at a point about half-way between the shoulder *s* and the catch-stud *p*.

When the shank is slipped into the tubular end of the stem, its stud enters the open-end slot of the latter, the spring-actuated catch is depressed, and the end of said stem engages the shoulder *d*. A slight turn of the handle to one side causes the stud to enter and engage the offset notch *v* and the spring-catch to register with the open slot, through which it is pressed by its spring, so that it engages said slot and locks the parts securely together. To detach the handle, the spring-catch is depressed until its inclined edge is level with the inside wall of the tubular stem, and the handle being then turned slightly backward the stud of the shank is brought to the mouth of the offset in line with the open-end slot in proper position to permit the handle to be withdrawn from the stem. It will thus be noted that the spring-catch may be easily inserted in place in the tubular shank and that the upper inclined catch portion may be entirely depressed below the level of the outer edge of said shank when the button-head is depressed into the recess of the collar.

Having described the invention, what I claim, and desire to secure by Letters Patent, is—

In an umbrella, a tubular stem having an open-end slot provided with a laterally-offset notch, and a detachable tubular handle-shank having a slot, and a collar upon said shank having an open-end slot registering with the slot of said handle-shank, said collar having a recess leading into its slot, said handle-shank having an interior seat, and a depressible spring-catch having a reduced spring extension provided with an outwardly-directed shouldered termination engaging said seat, and an upward-extending button-head at the outer end of said catch adapted for depression into the recess of said collar, substantially as specified.

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

MEYER J. ADES.

Witnesses:

BESSIE W. GRAY,
CHARLES H. GIBSON.