

H. G. MACKINNEY.  
Umbrella-Handles.

No. 165,106.

Patented June 29, 1875.

Fig. 1.

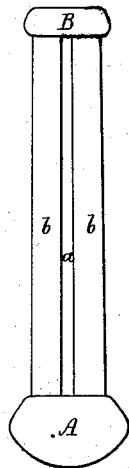


Fig. 3.

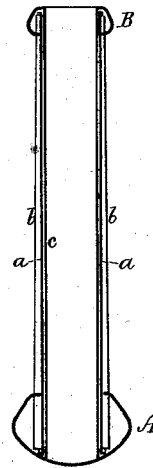


Fig. 2.

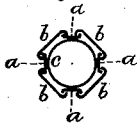


Fig. 4.

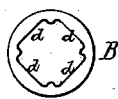
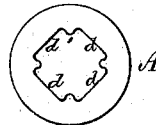


Fig. 5.



Witnesses

*S. W. Rippe*  
*L. N. Keller*

Herbert G. Mackinney

by his attorney  
*R. H. [Signature]*

# UNITED STATES PATENT OFFICE.

HERBERT G. MACKINNEY, OF NORTH ATTLEBOROUGH, MASSACHUSETTS,  
ASSIGNOR TO ALBERT JOHN SMITH, HENRY HUESTIS, AND HERBERT G.  
MACKINNEY, OF SAME PLACE.

## IMPROVEMENT IN UMBRELLA-HANDLES.

Specification forming part of Letters Patent No. **165,106**, dated June 29, 1875; application filed  
June 15, 1875.

*To all whom it may concern :*

Be it known that I, HERBERT G. MACKINNEY, of North Attleborough, of the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in the Manufacture of Handles for Parasols, Whips, Canes, or various other articles; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side view; Fig. 2, a transverse section; and Fig. 3, a longitudinal section, of a handle made in accordance with my invention. Fig. 4 is an under-side view of the cap ring. Fig. 5 is a top view of the knob.

This handle is composed of a tube or socketed body, a series of gilt-plated or polished metal strips, a series of japanned metal protective strips, a cap ring, and a knob, all constructed and arranged substantially as represented in the accompanying drawings and as hereinafter described, the object of the invention being to so interpose the gilt or polished metal strips between the japanned ones as to cause the latter to act as guards to protect the former from injury, whether by a hand while grasping the handle or by other means. To this end, each of the polished or bright metal strips is arranged between two of the japanned strips, and is sunk below them, in manner as shown in Fig. 2, in which *a a a a* are the series of gilt or polished metal strips, and *b b b b* their protective japanned strips. Each strip is flanged at its opposite edges, in manner as shown, and the flanges of the protective series overlap or interlock with those of the other series. Both series are arranged around a common socketed body or tube, *c*, which at its lower end is fastened concentrically to a

socketed knob, *A*. This knob, as well as a cap ring, *B*, which slips over and surrounds the strips at their upper parts, and is soldered or fastened to the tube *c*, is recessed, as shown at *d d*, to receive the outer series of strips, and keep them at their proper distances asunder.

Thus it will be seen that there is combined a series of polished metal strips and a series of japanned strips, arranged so as to produce an esthetic or pleasing effect.

As usually made, gold-mounted handles soon wear or become scratched or oxidated on their outer surfaces, and often impart a metallic odor to a person's hand on grasping them. The japanned strips are more durable and not liable to such oxidation or to being easily defaced, and, by having the bright metallic strips arranged between and sunk below the japanned strips, the latter will completely protect them from defacement under ordinary use of the handle.

By providing each strip of each series with flanges or curves to lap on and hold the next strip from moving sidewise, all the strips mutually support each other, the japanned strips being kept at their proper distances apart and in their proper positions by the cap ring and knob, which serve besides to hold in place the intermediate strips.

I claim as my invention—

The handle, composed of the two series of flanged strips *a b*, the socketed body or tube *c*, the cap ring *B*, and the socketed knob *A*, all constructed, combined, and arranged substantially as described.

HERBERT G. MACKINNEY.

Witnesses:

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