

(No Model.)

C. SIMMONS.
UMBRELLA.

No. 568,806.

Patented Oct. 6, 1896.

Fig I.

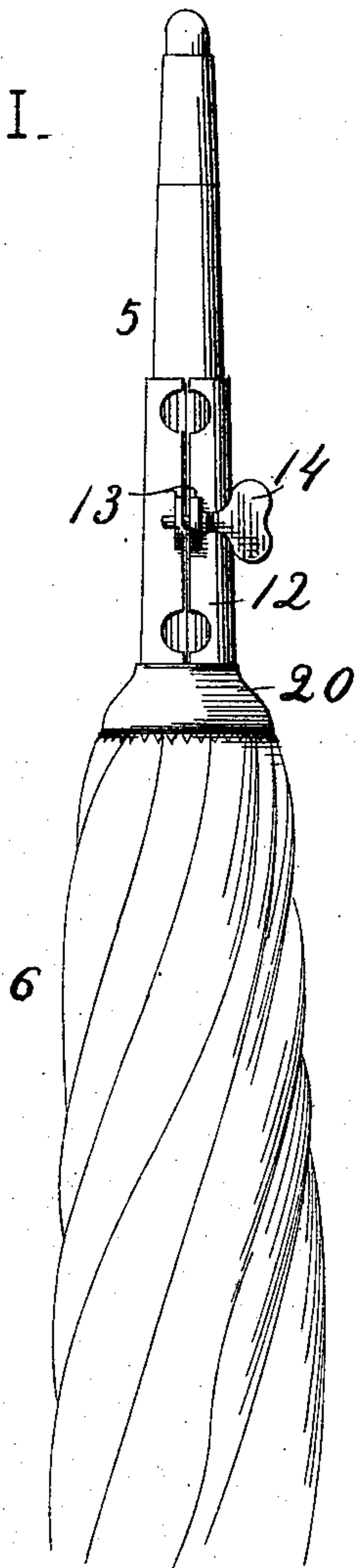
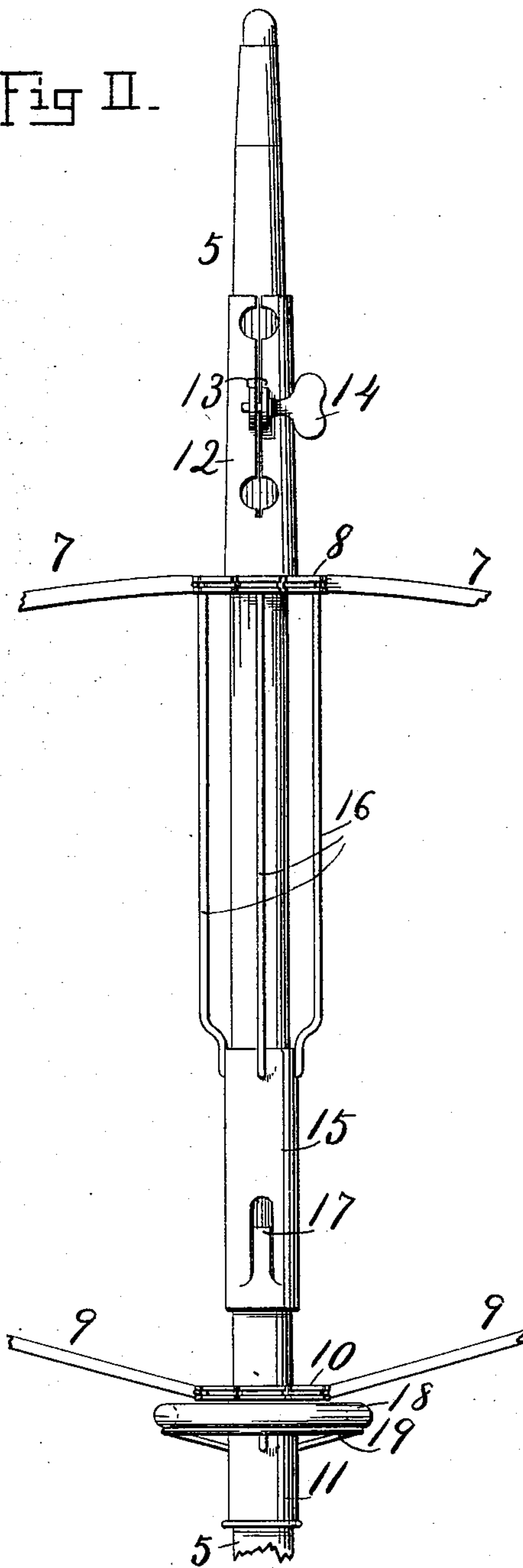


Fig II.



WITNESSES,

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UNITED STATES PATENT OFFICE.

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UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 568,806, dated October 6, 1896.

Application filed November 6, 1895. Serial No. 568,117. (No model.)

To all whom it may concern:

Be it known that I, CHARLES SIMMONS, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Improvement in Umbrellas; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure I represents the upper end of a folded umbrella according to my invention. Fig. II represents the frame in side view without the cloth top, a portion of the ribs and braces being left out to bring the brace-slide up into the field of view.

The object of this invention is to adapt the frame of an umbrella having the cloth cover on it to be readily removed from the handle, whereby the body or main portion of the umbrella is left short enough to be packed in a traveling-trunk, while the handle may be utilized as a cane.

To this end my invention consists in the construction and combination of parts forming an umbrella hereinafter described and claimed, reference being had to the accompanying drawings, in which—

5 represents the handle; 6, the cloth cover; 7, the ribs; 8, the top notch; 9, the braces; 10, the runner notch, and 11 the runner, of which the notch-ring 10 is a part.

The top notch 8 is provided with a clamping-ferrule 12, which is parted along one side and provided with ears 13, through which passes a binding-screw 14. The ferrule fits closely upon the handle or stick 5, and may be bound firmly thereto by means of the screw 14. This is the only means of securing the body portion of the umbrella to the handle. Therefore the handle may be a perfectly smooth stick or cane, and attaching the umbrella to it does not mark or disfigure it.

To the top notch 8 is connected a body-ferrule 15, by means of wires 16. The body-ferrule fits closely upon the stick 5 and is provided with an outward-springing catch 17, over which the runner-notch 11 passes when the umbrella is opened, and upon which the runner-notch is supported. The wires 16, the ferrule 15, and the top notch 8 constitute the body proper of the umbrella, be-

cause when the umbrella is raised and the runner fastened this body holds it so that it could be used without any stick or handle. The handle when in place serves as a holder to support the body and the rest of the umbrella in a convenient position for service.

18 represents a free ring mounted on the runner-notch to be slipped over the braces when it is desired to hold the umbrella closed, and 19 represents a bracket in ring form secured to the runner-notch to prevent the ring 18 from falling off when not in service. The cover 6 may be secured upon the top notch 8, in any usual manner, such as by a flaring, closely-fitting ferrule 20. The wire portion 16 permits any light crook on the handle or stick in this region without interfering with the removal or replacing of the handle.

This umbrella-handle may be finished in any style to serve as a cane when not needed in the umbrella. The word "clamp" is herein used to designate any device which will hold the body proper to the stick so that it may be removed at will.

Having thus fully described my invention, what I believe to be new, and desire to secure by Letters Patent, is the following:

1. The combination of an umbrella-top notch having an outward-projecting ferrule parted along one side and provided with ears at the sides of the parting; a binding-screw through the said ears; a ferrule-shaped body connected with the top notch and provided with a spring-catch; a runner fitted to slide over and upon the said ferrule-shaped body and adapted to be removably engaged by the said spring-catch substantially as described.

2. An umbrella-top-notch ring having an outward-projecting clamping-ferrule, and a body-ferrule connected with the top-notch ring by wires substantially as described, whereby crookedness in a walking-cane to be used as the umbrella-handle will be accommodated.

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

CHARLES SIMMONS.

Witnesses:

M. B. DUKE,
HOWARD PATILLO.