

(No Model.)

A. M. DUNCAN.
CAPONIZER.

No. 604,737.

Patented May 31, 1898.

Fig. 1.

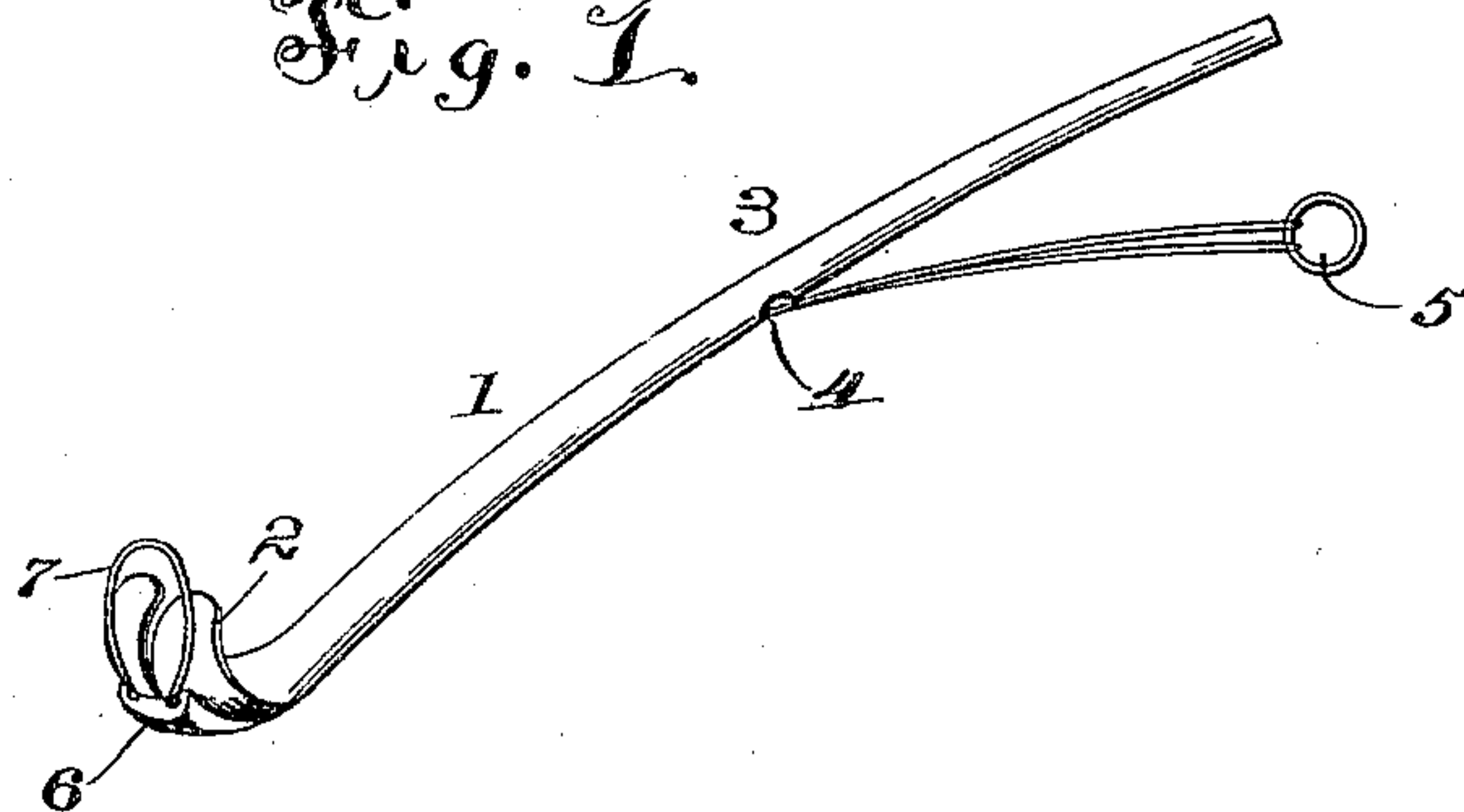
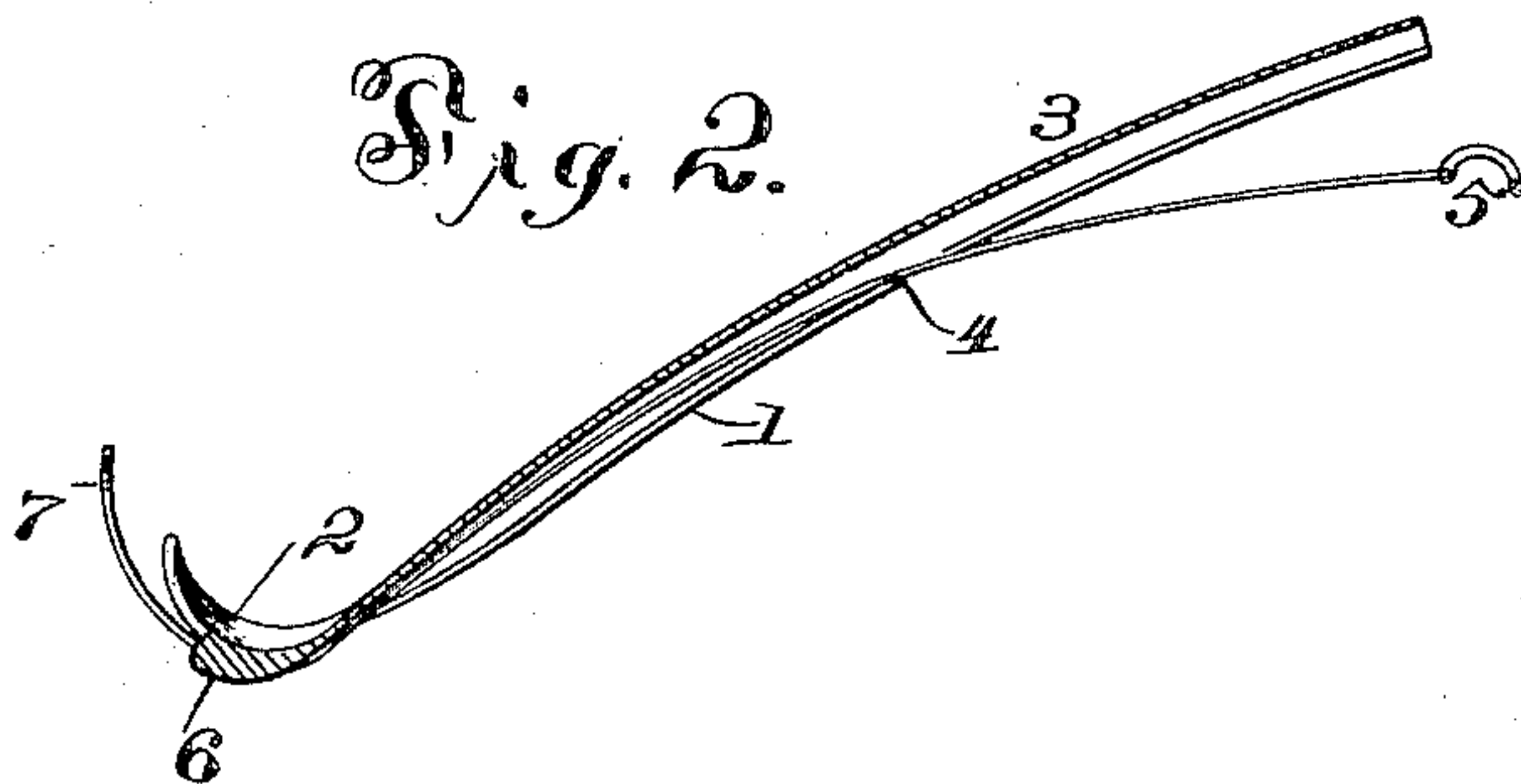


Fig. 2.



Witnesses

Victor J. Evans
Victor J. Evans

Inventor
Andrew M. Duncan.

by John Wedderburn.

Attorney

UNITED STATES PATENT OFFICE.

ANDREW MADISON DUNCAN, OF ALLERTON, IOWA, ASSIGNOR OF ONE-HALF TO DAVID DALE SHIRLEY, OF SAME PLACE.

CAPONIZER.

SPECIFICATION forming part of Letters Patent No. 604,737, dated May 31, 1898.

Application filed August 20, 1897. Serial No. 648,937. (No model.)

To all whom it may concern:

Be it known that I, ANDREW MADISON DUNCAN, a citizen of the United States, residing at Allerton, in the county of Wayne and State of Iowa, have invented certain new and useful Improvements in Caponizers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to novel and useful improvements in caponizing instruments; and it has for its object the provision of an instrument of this character that will be especially simple in construction, durable, and economical, and one with which the operation of caponizing can be perfectly accomplished, thus obviating the undesirable consequences of an imperfect operation.

Further, the invention contemplates the provision of an instrument with which the cord and tissues surrounding the testicle can be effectually removed, so that what is known as "slips" among poultry-raisers will be avoided.

With these and other objects in view, which will become apparent in the course of the following description, all looking toward improving and simplifying instruments of this character generally, my invention consists in the novel combination and arrangement of simple parts which will be hereinafter fully described.

I am enabled to accomplish the objects of my invention by the simple means illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved instrument. Fig. 2 is a central longitudinal section of the instrument.

Referring to the drawings, the numeral 1 indicates the device, formed, preferably, of thin steel bent to form a spoon or bowl 2 at one end thereof. The material forming the bowl is shaped in circular form and extends rearward a considerable distance to form a handle 3, perforated at its under side, as indicated by the numeral 4, for the passage of two strands of fine wire, which have their rear ends secured to the ring 5 and adapted to be engaged and pulled by the hand in operating upon the poultry. The wire, as clearly

shown in the drawings, extends through two oppositely-disposed perforations in the lug or projection 6, formed upon the convex side of the bowl or spoon, and terminates above the spoon or bowl in a loop 7, the purpose of which will presently become apparent. The bowl or spoon shaped end is slit from the upper edge thereof to the upper side of the lug or projection, which slit is adapted to receive the cord of the testicle when the instrument is in position to be operated.

In operation the device is used as follows: The testicle of the fowl is exposed by any well-known and approved operation, when the loop is extended sufficiently to allow the testicle to pass therethrough and the instrument is manipulated until the cord of the testicle extends through the slit and the testicle rests in the bowl or spoon shaped end when the ring is pulled, drawing the wire and contracting the loop in close proximity to the convex side of the spoon or bowl shaped end, and it will be apparent that when the cord of the testicle is in contact with the upper side of the projection said cord will be severed by further contraction of the loop.

It will be noted that the wire is drawn under the testicle on the concave surface of the spoon, thus clamping the cords and tissues attached to and surrounding the testicle tightly, thereby taking the strain off the testicle at that portion of the tissue and cords surrounding the same and insuring absolute success in removing the part that causes slips.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An instrument of the character described, comprising a handle and a bowl or spoon shaped end having a slot therein for the reception of the cord of the testicle, a wire loop adapted to be contracted in close proximity to the bowl or spoon shaped end to effect the operation, and means for contracting said wire, substantially as and for the purpose set forth.

2. An instrument of the character set forth, comprising a handle and a concavo-convex end, having a slit therein for the purpose specified, a wire passing through suitable guides upon the convex side of said end and

adapted to form a loop which is contracted to perform the operation, and means for contracting said loop, substantially as and for the purpose set forth.

- 5 3. An instrument of the character described, comprising a suitable handle having a perforation in its under side and a concavo-convex slit end, a lug or projection on the convex side of said end and at the bottom of
10 the slit, said projection being provided with oppositely - disposed perforations, and wire strands passing through said perforations and forming a loop above the same, said wire also

extending through the perforation in the handle and being provided with a ring or its equivalent adapted to be engaged by the hand to contract the loop and perform the operation, substantially as and for the purpose set forth. 15

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 20

ANDREW MADISON DUNCAN.

Witnesses:

J. M. HESTER,

W. S. RILEA.