

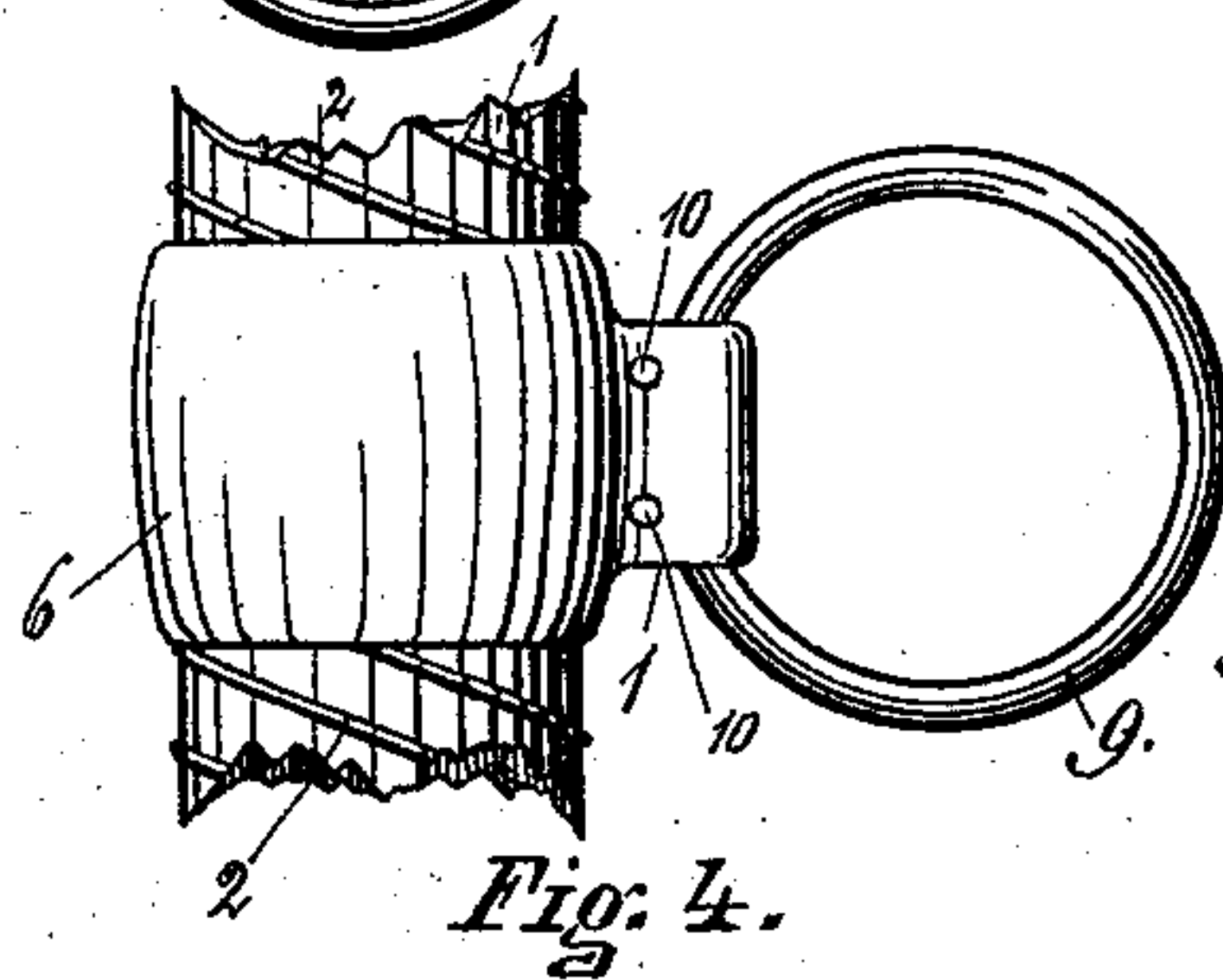
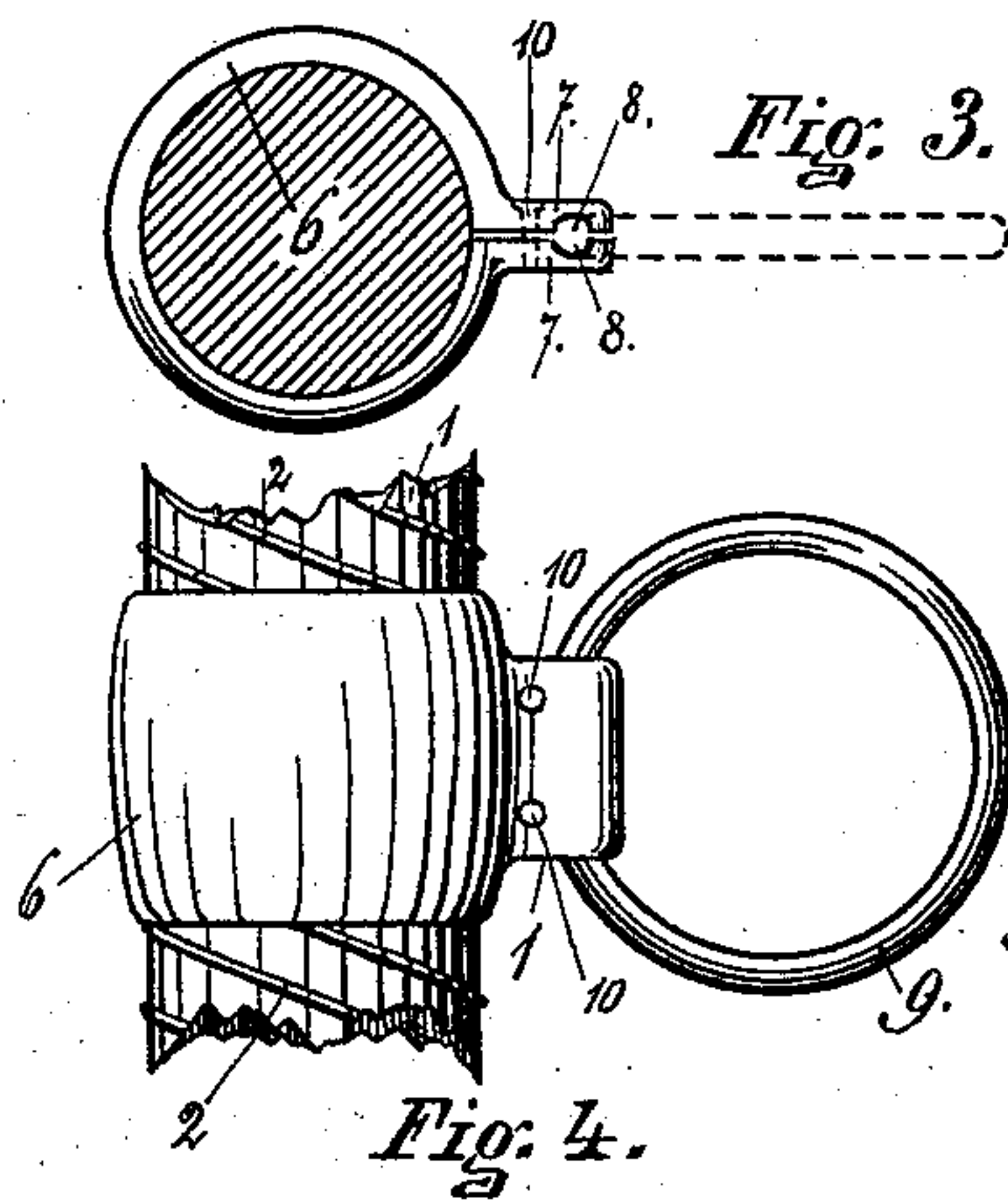
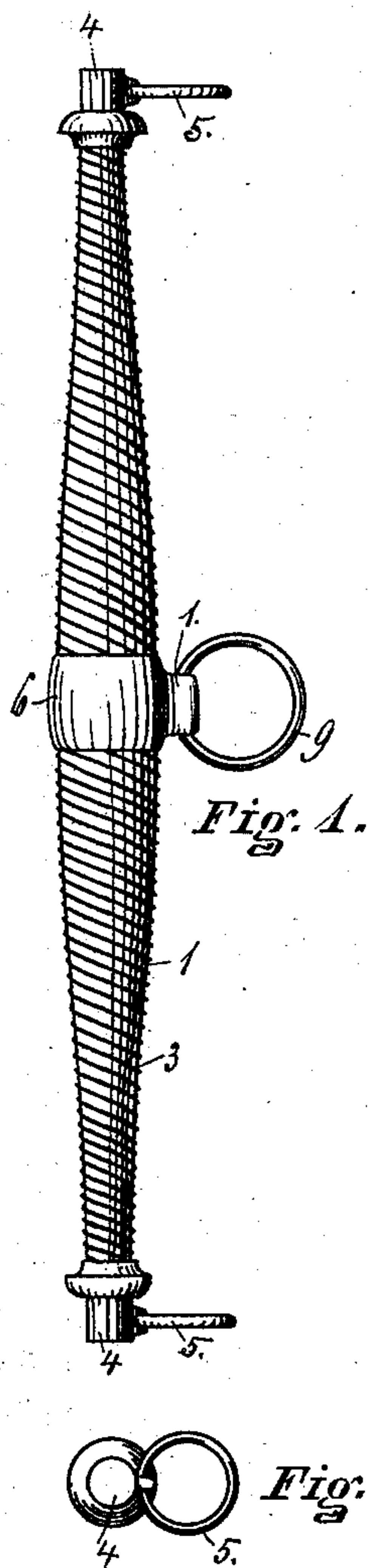
(No Model.)

S. R. MOTT, Jr.

NECK YOKE.

No. 393,918.

Patented Dec. 4, 1888.



WITNESSES.

Rich. George.
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UNITED STATES PATENT OFFICE.

SAMUEL R. MOTT, JR., OF BOUCKVILLE, NEW YORK.

NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 393,918, dated December 4, 1888.

Application filed October 1, 1888. Serial No. 286,857. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL R. MOTT, Jr., of Bouckville, in the county of Madison and State of New York, have invented certain new and useful Improvements in Neck-Yokes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to an improvement in neck-yokes; and it consists in the mechanism hereinafter pointed out and claimed.

In the drawings, Figure 1 is a side view of my improved neck-yoke. Fig. 2 is an end view. Fig. 3 is an end view of the encircling clamping-band, the dotted lines indicating the position of the ring; and Fig. 4 is a side view of the encircling clamping-band and ring and a portion of the neck-yoke, the broken lines indicating the portions removed.

My neck-yoke is formed of wood and metal, the wood portion 1 being turned in an ordinary lathe into the required shape, and is provided with spiral grooves 2 of sufficient depth to receive wire 3, wrapped on the external surface of the neck-yoke in the groove, the wire encircling the external surface from end to end. By this construction the yoke is strengthened and protected from injury. I provide ferrules 4 with rings 5, held therein or thereto upon the extremities of the yoke.

Another novel and valuable feature of my invention consists in providing a central en-

circling clamping-band, 6, made of malleable iron with parallel projecting ends 7, Figs. 3 and 4, provided with semicircular grooves 8 in the inner faces of the projecting ends of the encircling band for receiving central ring, 9, which is held in the grooves in the faces of the projecting ends of the encircling band, where it is held by bolts or rivets 10, which serve to tighten the encircling band on the center of the yoke and at the same time to clamp and retain ring 9 in its place, thereby preventing the necessity of perforating the wood to receive a staple or staples for carrying the central ring in the yoke.

What I claim as new, and desire to secure by Letters Patent, is—

1. A neck-yoke having an external spiral groove encircling its outer surface, in combination with an encircling wire surrounding the external surface of the neck-yoke and held in the spiral groove, substantially as set forth.

2. A neck-yoke having a spiral groove encircling the external surface thereof, in combination with an encircling wire surrounding the external surface of the yoke and held in the groove, an encircling clamping-band having parallel projecting ends, grooves on the inner faces of the projecting ends of the band, and a ring held in the grooves by rivets, substantially as set forth.

In witness whereof I have affixed my signature in presence of two witnesses.

S. R. MOTT, JR.

Witnesses:

EDWIN H. RISLEY,
JOSIAH PERRY.