(No Model.)

A. SCHNEIDER.

COLLAR FOR TRAINING ANIMALS.

No. 441,706. Patented Dec. 2, 1890.

Fig. 1.

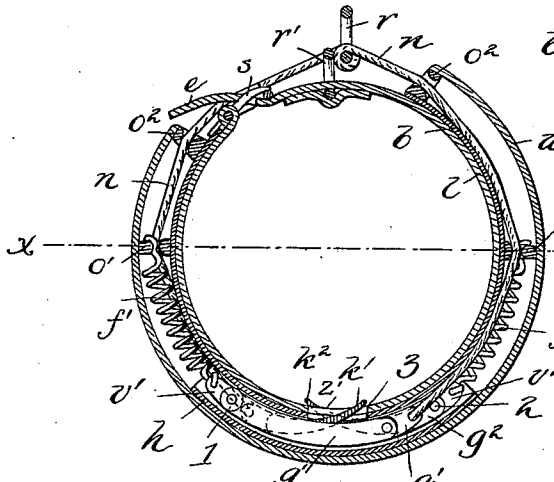


Fig. 2.

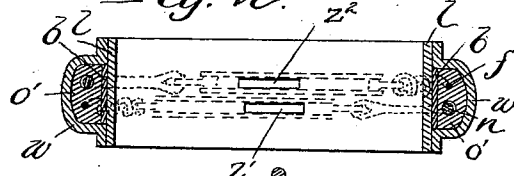


Fig. 3.

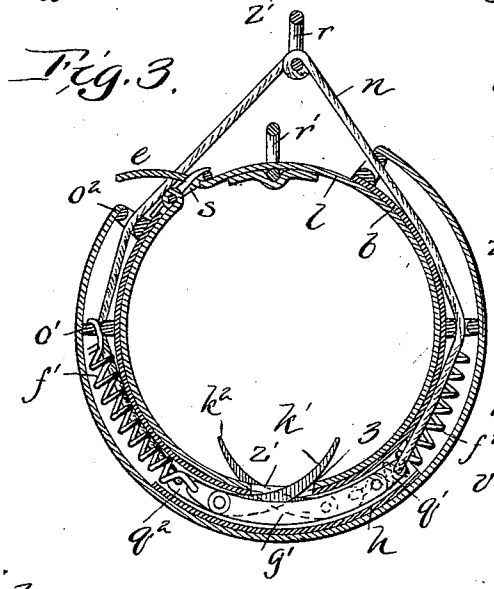


Fig. 4.

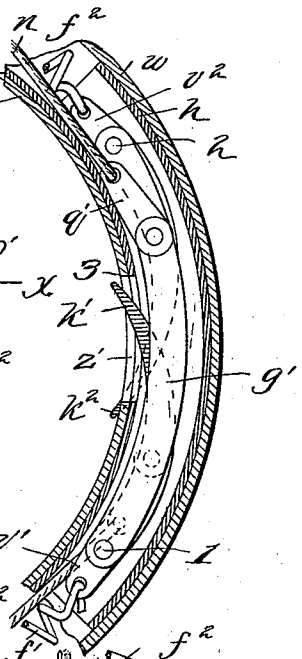
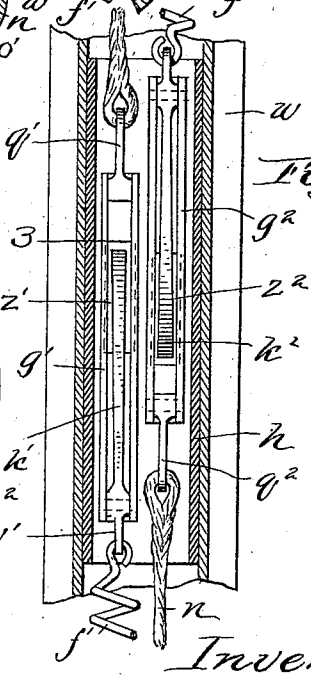


Fig. 5.



Witnesses
W. P. Keene.
F. L. Middleton

Inventor
August Schneider
by Ellis Spear
Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

AUGUST SCHNEIDER, OF DRESDEN, GERMANY.

COLLAR FOR TRAINING ANIMALS.

SPECIFICATION forming part of Letters Patent No. 441,706, dated December 2, 1890.

Application filed January 8, 1890. Serial No. 336,320. (No model.)

To all whom it may concern:

Be it known that I, AUGUST SCHNEIDER, of Dresden, Neustadt, in the Kingdom of Saxony and German Empire, have invented a new and useful Collar and Training-Necklace for Animals, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of the invention is to provide a collar which may be worn without inconvenience when the animal is quiet and by which the animal may be controlled at the will of the person holding the cord when the animal is restive or disobedient.

In the drawings, Figure 1 is a sectional view of the collar with the clutch-fingers in normal position; Fig. 2, a section on lines $x\,x$ of Fig. 1. Fig. 3 is a similar view to Fig. 1 with the clutch-fingers thrown out to engage the animal's neck; Fig. 4, a detail view of the clutch-fingers at rest within the collar; and Fig. 5, a detail of longitudinal section through a portion of the collar, showing the clutch-fingers in edge elevation.

The collar consists of a steel band b, lined with leather l and having an outer leather covering w. The band b has at one end a buckle s, which receives the perforated end e of the leather when the collar is put in place. The outer covering is connected with the band so as to leave an intermediate space by the projections o' o^2. Within the central portion of the collar is located a metallic shell h, and within this are arranged the slides which carry the clutch-fingers k' k^2. Each slide consists of two links, those carrying the finger k' being marked g', and those carrying the clutch-finger k^2 are marked g^2. The slides are arranged side by side, as in Fig. 5, and are designed to move in opposite directions when the operating-rope is pulled. Referring to slide g' alone, it will be seen that the operating-rope n is connected to its forward end by means of the short arm q', pivoted between the links of the slide. The clutch-finger k' is pivoted at l at the opposite or rear end of the slide, and extends forward from said pivot to project through an opening z' in the collar, it being curved and bearing upon the edge 3 of said opening. A spring f' is connected to the tail-piece v' of the clutch-finger, its other end being secured to the perforated projection o', and by this the slide is held normally in the position shown in Fig. 1, the clutch-finger being now retracted within the inner surface of the collar, the end, however, bearing against the edge 3 of the opening z'. When the rope n is pulled upon, it will draw the slide g' to the right, Fig. 1, and the clutch-finger k', moving also in that direction, will bear upon the edge 3, and be turned outward into the position of Fig. 3 to engage the neck of the animal. The rope n passes through the perforated projections o' o^2 to the ring r. The other slide g^2 is arranged to move in opposite direction to that of the slide g', its clutch-finger being pivoted at its rear end 2, and the rope n being secured to the pivoted arm q^2, Fig. 5, at its forward end. A spring f^2 is connected to the tail-piece v^2, and the entire operation is similar to that of the other slide and clutch-finger, excepting that the movement is in the opposite direction. The clutch-finger k^2 projects through an opening z^2. The collar may be used as an ordinary one by attaching the rope to the ring r' instead of the ring r.

I claim as my invention—

In combination, the collar, the slides therein, the clutch-fingers extending in opposite directions through openings in the collar and each pivotally secured to one of the slides, springs for holding the slides in normal position, and an operating-rope, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

AUGUST SCHNEIDER.

Witnesses:
ERNST MARCUS,
NUYUP ROPF.