

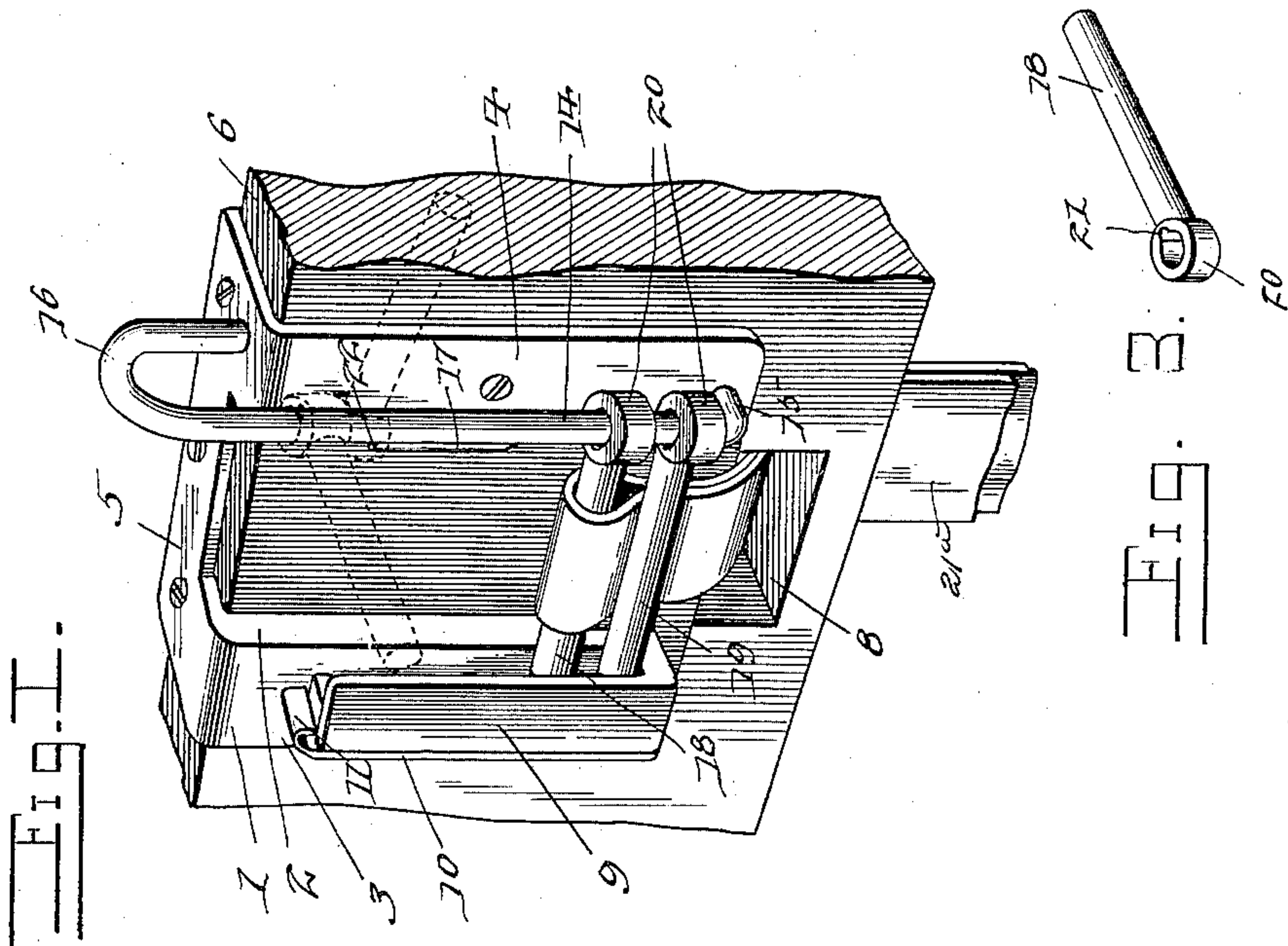
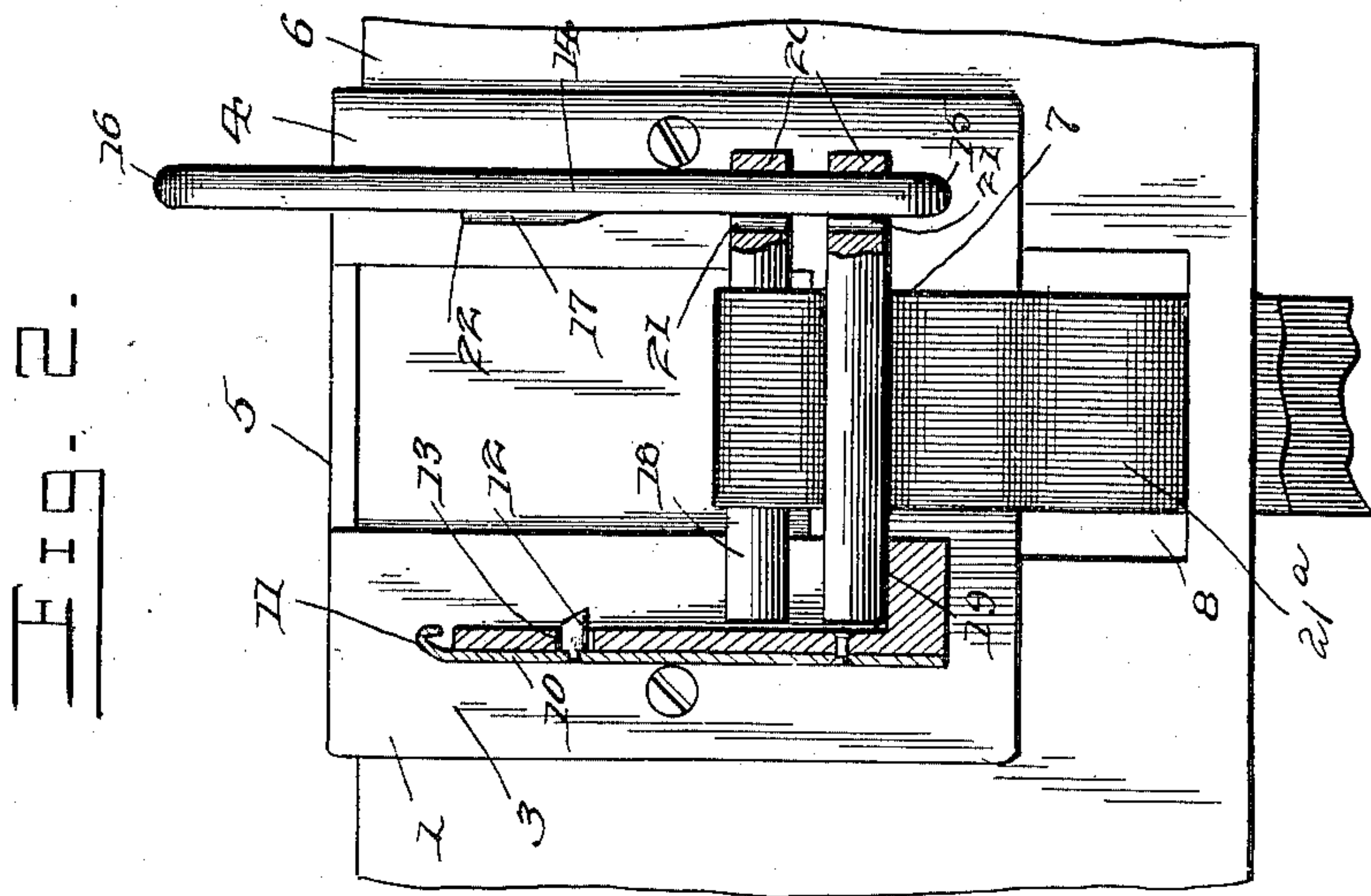
No. 652,661.

Patented June 26, 1900.

S. N. BRATT.  
HALTER TIE.

(Application filed Apr. 9, 1900.)

(No Model.)



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# UNITED STATES PATENT OFFICE.

SWAN N. BRATT, OF KOKOMO, INDIANA.

## HALTER-TIE.

SPECIFICATION forming part of Letters Patent No. 652,661, dated June 26, 1900.

Application filed April 9, 1900. Serial No. 12,228. (No model.)

*To all whom it may concern:*

Be it known that I, SWAN N. BRATT, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented a new and useful Halter-Tie, of which the following is a specification.

This invention relates to a halter-tie; and the object of the same is to provide simple and effective means for readily attaching and detaching a halter to a portion of a manger or other place and whereby a halter-strap may be secured without tying the same by knotting or pursuing the usual methods for this purpose and which will result in producing a firm means of securement and hold the halter-strap against accidental disconnection.

The invention consists in the construction and arrangement of the parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a portion of a manger or other support, showing the improved halter tie or fastener applied thereto in operative condition and as holding a portion of the halter-strap in connection therewith. Fig. 2 is an elevation of the devices shown by Fig. 1, partially broken away to particularly show a locking-catch. Fig. 3 is a detail perspective view of one of the movable halter-strap-holding bars.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates a metallic support, which is vertically slotted, as at 2, to form depending parallel legs 3 and 4, which are integral with an upper right-angular securing head or member 5, which is fitted over the upper edge of a manger or other device 6 and firmly fastened in place by screws or other means, the legs 3 and 4 being also attached to the portion of the manger over which they depend. The lower portions of the legs 3 and 4 are connected by a cross-web 7, and immediately below the lower edge of said web the manger or other device is formed with an opening 8.

The leg 3 is provided with a vertical locking-seat 9, which is open at the top and inner portion and closed at all other points, and attached to the closed side thereof opposite the inner open side is a catch 10, which consists of a spring-plate extended above the

upper end of the seat and bent to form a finger-engaging terminal 11, the said catch carrying a beveled stud 12, which loosely works through an opening 13 in the said closed side of the seat, against which the catch is mounted. Over the other leg 4 a guide-rod 14 vertically extends and has its lower extremity intumed and secured to the said leg and the opposite extremity bent upwardly over the head 5, as at 16, and then returned in a vertical direction and fastened to said head. The said guide-rod at an intermediate point has an inner spline 17, which is projected in the direction of the inner open side of the seat 9, and on the said guide-rod a pair of halter-holding bars 18 and 19 are loosely mounted one above the other and each provided with an eye 20 at one end, with an opening therethrough conforming in contour to that of the said guide-rod and also having a slot 21 continuous with the opening to permit the bars to pass the spline 17. The lower end of the spline 17 gradually converges toward the guide-rod, and the upper end is abrupt or in a plane at a right angle to the said rod to form a bearing-shoulder 22, as clearly shown by Fig. 2. The shoulder 22 serves as a means for holding the halter-bars 18 and 19 in elevated position, as shown by dotted lines in Fig. 1, when the free ends of said bars are released from the seat 9 and turned to throw the slots 21 out of alinement with the spline 17, and thus clear the lower portion of the tie adjacent the opening 8 through the manger or other supporting device to permit the halter end or portion to be inserted through said opening and conveniently drawn upwardly for engagement with the halter-bars in a manner which will now be set forth.

The improved device is particularly intended for use with a strap halter, which is preferred, though it will be understood that an immaterial change in the proportions of the parts will adapt the device for use with a rope halter or even a chain. The principle of operation and the result obtained are similar in connection with either one of the kinds of halters mentioned, and as a strap halter is illustrated the operation will be described in connection with the same.

The strap 21<sup>a</sup> of the halter is doubled or looped and passed through the opening 8, the



halter-bars 18 and 19 being first raised to clear them from the seat 9, and the loop portion of the halter is then slipped over the upper bar 18 and the latter moved over to bring the free end in alinement with the upper open end of the said seat. The lower halter-bar 19 is then turned over the doubled portion of the halter immediately below that held by the bar 18 and until its free extremity is also in line with the upper open end of the seat, and when the parts are in this position a pull on the halter-strap will draw the free extremities of both bars 18 and 19 downwardly into the seat and past the stud 12 of the catch 10 into the lower portion of the seat and firmly secure or connect the halter-strap to the tie and against slipping or accidental loosening action owing to the use of the lower bar 19, which serves a clamp. The free ends of the bars 18 and 19 will easily pass the stud, because the beveled portion of the latter is in a position to permit such operation, as will be seen in Fig. 2. In releasing the halter-strap the catch 10 is pressed outwardly from the seat, so as to relieve the stud 12 from its locking position, and when the seat is thus cleared the bars 18 and 19 may be easily drawn upward until released from said seat and permit the lower bar 19 to be swung away from contact or engagement with the halter and also allow the upper bar 18 to be turned to slip the halter-strap off from the same. The spline 17 also holds the bars 18 and 19 in steady alinement when first entering the upper portion of the seat and also when being moved through the upper portion of the seat to release the halter; but the essential function of the said spline is to provide simple means for holding the bars in elevated position, as before explained.

The improved halter-tie is simple in its construction, as well as strong and durable, and facilitates the attachment and disconnection of a halter and is preferably located on the inner side of a manger, so as to be out of the way and avoid injury to the animal secured thereby.

To suit various applications, changes in the form, proportions, and minor details may be resorted to without departing from the principle of the invention.

Having thus described the invention, what is claimed as new is—

1. In a halter-tie, the combination with a support having an opening therethrough, of a guide-rod held on said support, bars slidably and rotatably mounted at one end on the said guide-rod, and a seat for removably receiving the opposite free extremities of said bars.

2. In a halter-tie, the combination of a support having an opening therethrough, of a guide-rod fixed to said support, a pair of halter-strap-engaging bars slidably and rotatably mounted at one end on the said guide-rod, a seat to removably receive the free extremities of said bars, and a catch operating in conjunction with said seat to hold the bars in the latter.

3. A halter-tie comprising a guiding device, a pair of halter-strap-engaging members having one end of each slidably and rotatably mounted on the said guiding device, and means for holding the free extremities of the said members in fixed relation to cause them to bind a halter-strap between them.

4. In a halter-tie, the combination of a support having an opening therethrough, a guide-rod fixed to said support and provided with a spline on one portion thereof, a pair of halter-strap-engaging bars having one extremity of each slidably and rotatably mounted on the said guide-rod, the ends of the bars moving on the guide-rod also being slotted to pass over the spline, the upper extremity of the spline forming a shoulder or bearing for the said bars, and a seat for removably receiving the free extremities of the said bars.

5. A halter-tie comprising a guiding device, halter-strap-holding members having one extremity of each slidably and rotatably mounted on said guiding device, and a seat to removably and slidably receive the free extremities of the said halter-strap-holding members and provided with a catch to prevent the said members from accidentally working outward therefrom.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of witnesses.

SWAN N. BRATT.

Witnesses:

his  
R. X DUPLEE,  
mark  
ELLSWORTH HUNT,  
J. W. MERRELL.