

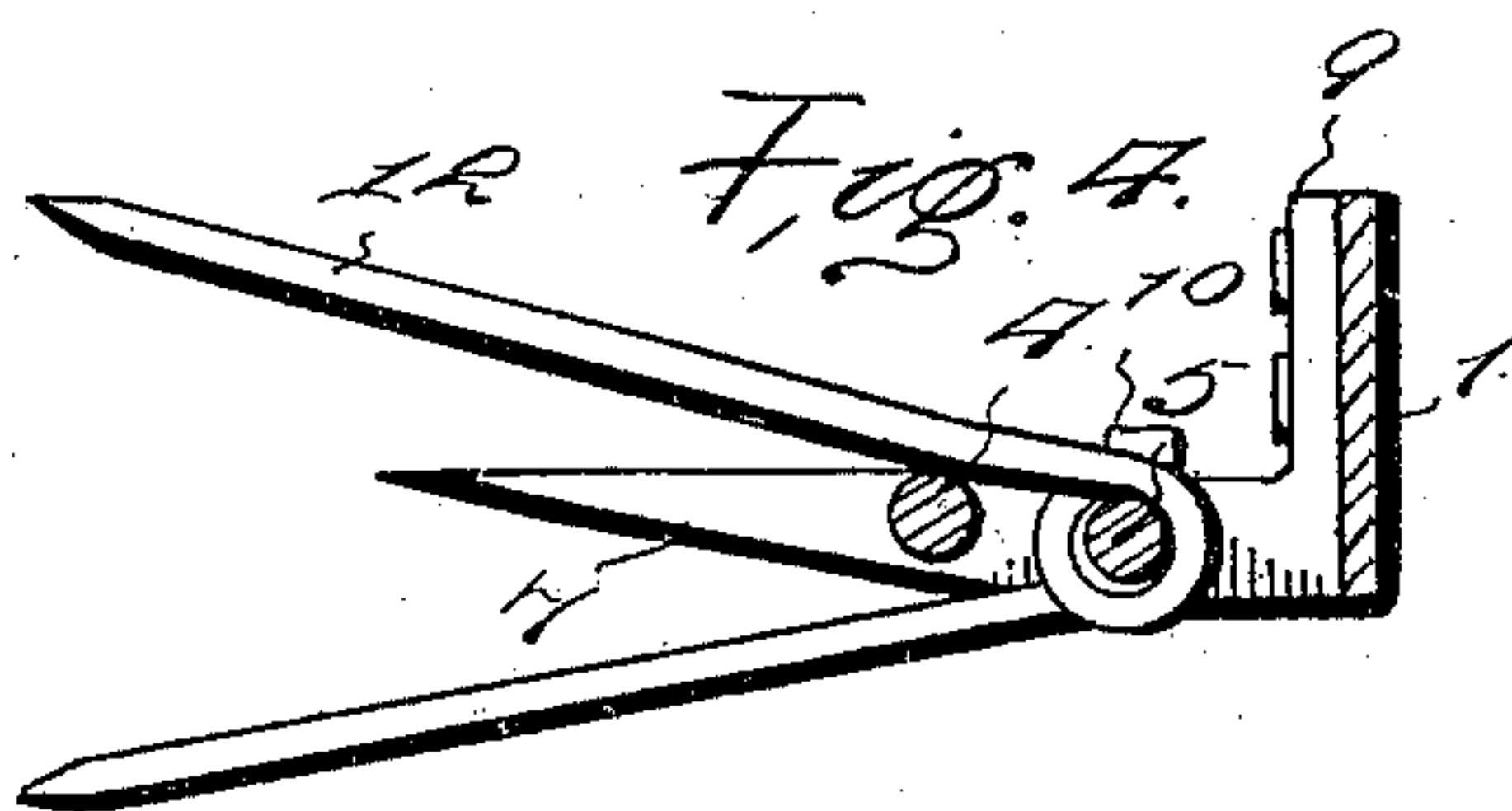
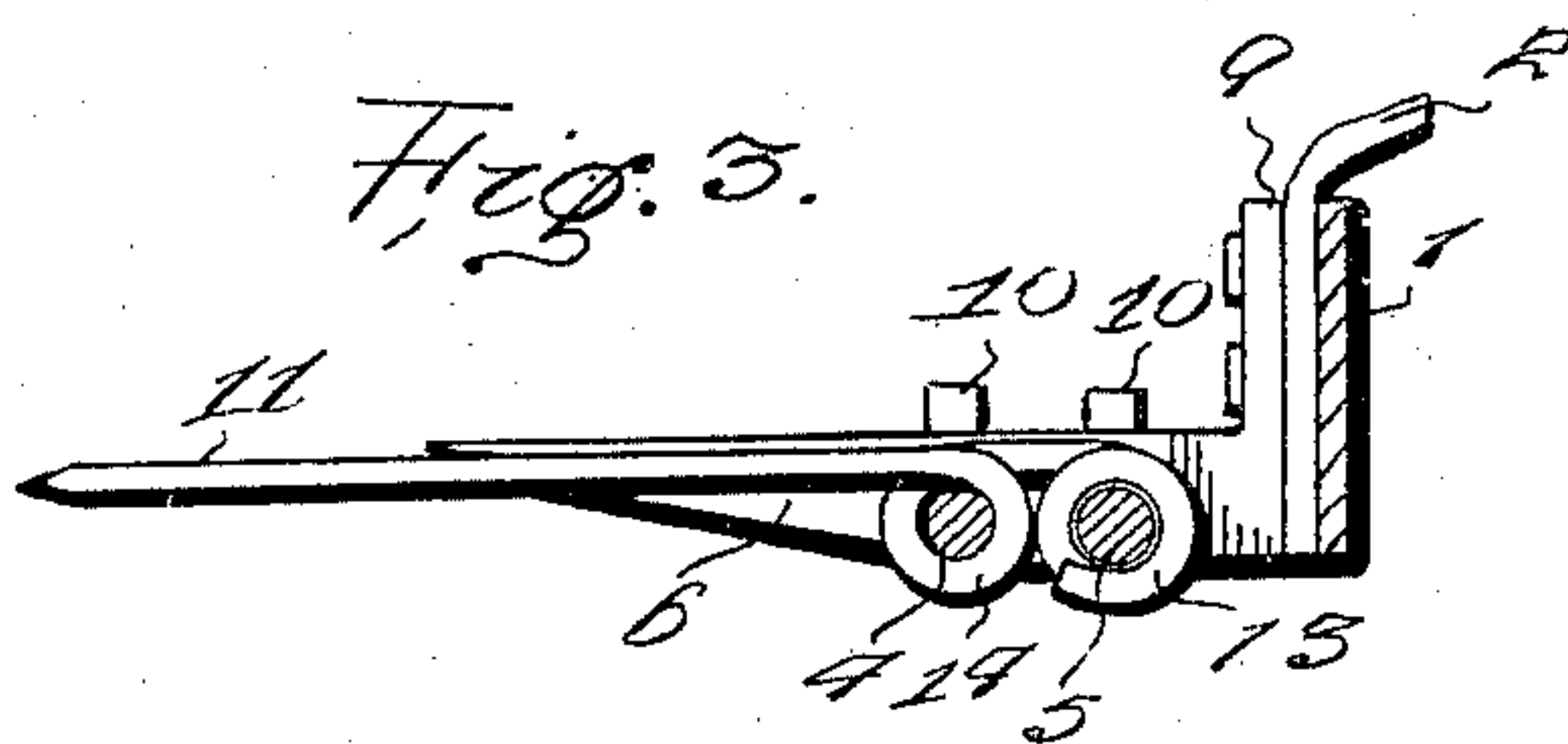
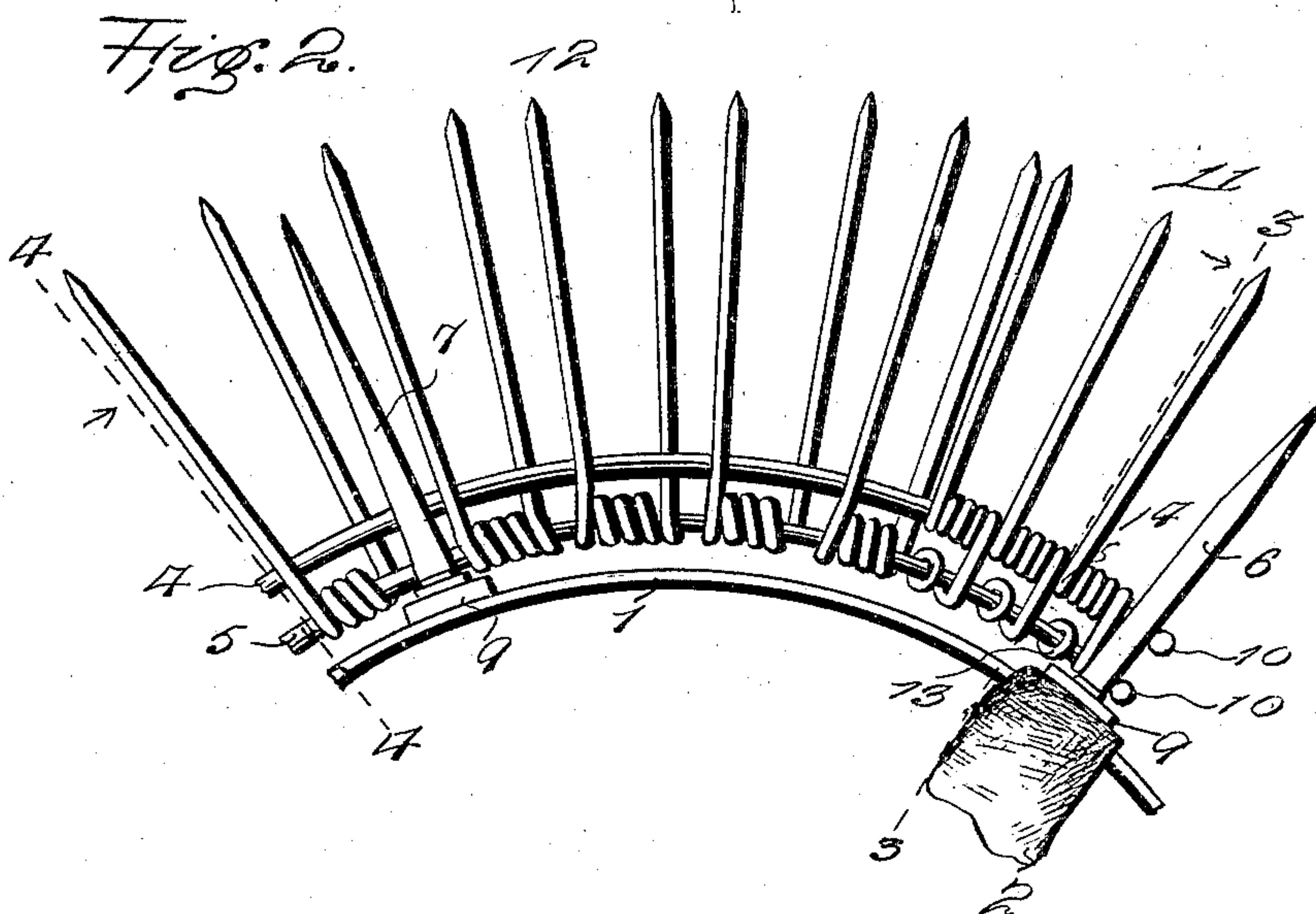
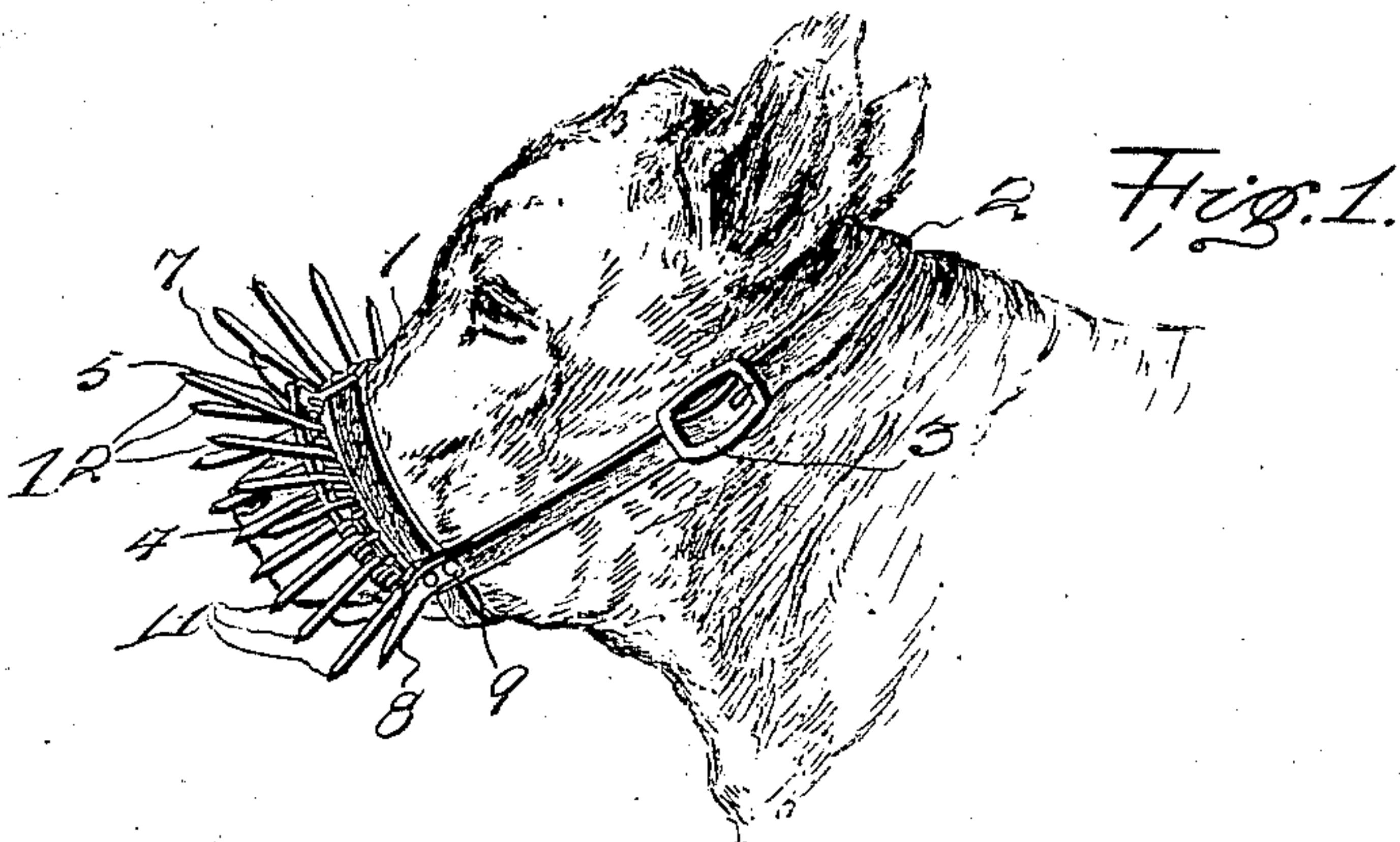
No. 696,563.

Patented Apr. 1, 1902.

J. J. HESER.  
CALF WEANER.

(Application filed Dec. 11, 1901.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN J. HESER, OF WACO, NEBRASKA.

## CALF-WEANER.

SPECIFICATION forming part of Letters Patent No. 696,563, dated April 1, 1902.

Application filed December 11, 1901. Serial No. 85,511. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN J. HESER, a citizen of the United States, residing at Waco, in the county of York and State of Nebraska, have  
5 invented a new and useful Calf-Weaner, of which the following is a specification.

This invention relates to calf-weaners.

The object of the invention is to present a calf-weaner which shall be thoroughly effective for the purpose designed and which in  
10 addition will operate as a poke to prevent the animal from thrusting its head under the wires or between the bars of a fence.

With these and other objects in view, as  
15 will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a calf-weaner, as will be hereinafter fully described and claimed.

20 In the accompanying drawings, forming a part of this specification, and in which like numerals of reference indicate corresponding parts, there is illustrated a form of embodiment of the invention capable of carrying  
25 the same into practical operation, it being understood that the elements therein exhibited may be varied or changed as to shape, proportion, and exact manner of assemblage without departing from the spirit thereof,  
30 and in these drawings—

Figure 1 is a view in side elevation of a calf's head, showing the weaner positioned thereon. Fig. 2 is a view in plan, on an enlarged scale, of a portion of the weaner. Fig. 3 is a sectional  
35 detail view taken on the line 3 3, Fig. 2, and looking in the direction of the arrow thereon. Fig. 4 is a similar view taken on the line 4 4, Fig. 2, and looking in the direction of the arrow thereon.

40 Referring to the drawings, 1 designates a nose-strap, and 2 a neck-strap connected therewith and provided with a buckle 3 to permit requisite adjustment.

The weaner comprises in part two rods 4  
45 and 5, which are passed through openings provided in three prods 6, 7, and 8, the prods 6 and 8 being disposed at the side of the weaner and approximately in line with the animal's mouth and the prod 7 over its nose, each prod  
50 being provided with a member 9, bent at right angles to its length and secured to the nose-strap by rivets or the like. The rods 4 and 5

are curved to conform to the animal's nose, and their terminals are bent up against the two prods 6 and 8, as shown at 10 in Figs. 2 55 and 3, by which arrangement the rods will not only be held assembled with the prods, but lateral yielding of the latter will be positively prevented. The rods support two sets of prickers 11 and 12, the prickers 11 being  
60 rigid in character and being disposed at each side of the weaner and the prickers 12 being hinged to the bar 5 and adapted for swinging movement through a prescribed limit. The prickers 11—in this instance six in number—  
65 are secured in place by having their inner terminals coiled around the rod 5 at 13 and their intermediate portions coiled around the rod 4 at 14, as clearly shown in Figs. 2 and 3. The prickers 12 are secured in place by  
70 having their intermediate portions coiled about the rod 5 and their terminals diverged and straddling the rod 4, whereby they are adapted only for a limited range of upward-and-downward movement, the rod 4  
75 serving to limit such movement, as will be readily understood by reference to Fig. 4. The prickers 12 are in this instance eight in number, four being disposed on each side  
80 of the center prod 7; but it is to be understood that this number may be increased or limited, as found necessary or desirable. The series of prickers 12, by reason of their pivotal association with the rod 5, will permit the animal to graze without interference,  
85 as the prickers will readily rock upon the said rod; but should it attempt to suckle, in the act of lifting its head the said prickers will drop down in front of the nose, and thus perform the function for which they are de-  
90 signed. By the provision of the hinged prickers the employment of a blab, such as is usually provided for the purpose, is dispensed with, and by reason of the disposition of the two series of prickers it will be apparent that  
95 when an animal has the device secured on its head any attempt to pass through a fence or thrust its head under the rails or wires thereof will be positively prevented.

In addition to performing the function of a  
100 weaner the device of this invention will be found highly effective in preventing cows from side suckling, as the prods 6 and 8 will operate effectively to cure such habit.



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

1. A device of the character specified, comprising attaching means, fixed side prickers, and hinged front prickers.

2. A device of the character specified, comprising attaching means, side and center prods, fixed prickers disposed adjacent to the side prods, and hinged prickers arranged on each side of the center prod.

3. A device of the character specified, comprising a nose-strap, side and center prods secured thereto, rods secured to the said prods, fixed prickers secured to the rods adjacent to the side prods, and hinged prickers mounted on the rods on each side of the center prod.

4. A device of the character specified, comprising a nose-strap, side and center prods secured thereto, curved rods associated with the prods, fixed prickers arranged adjacent to the side prods, and having one terminal and their intermediate portions secured to the rod, and movable prickers disposed on each side of the center prod, and having their intermediate portions coiled about one of the rods and their terminals diverged and straddling the other rod.

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

JOHN J. HESER.

Witnesses:

MART GEIGER,  
CHRIST. WENTZ.