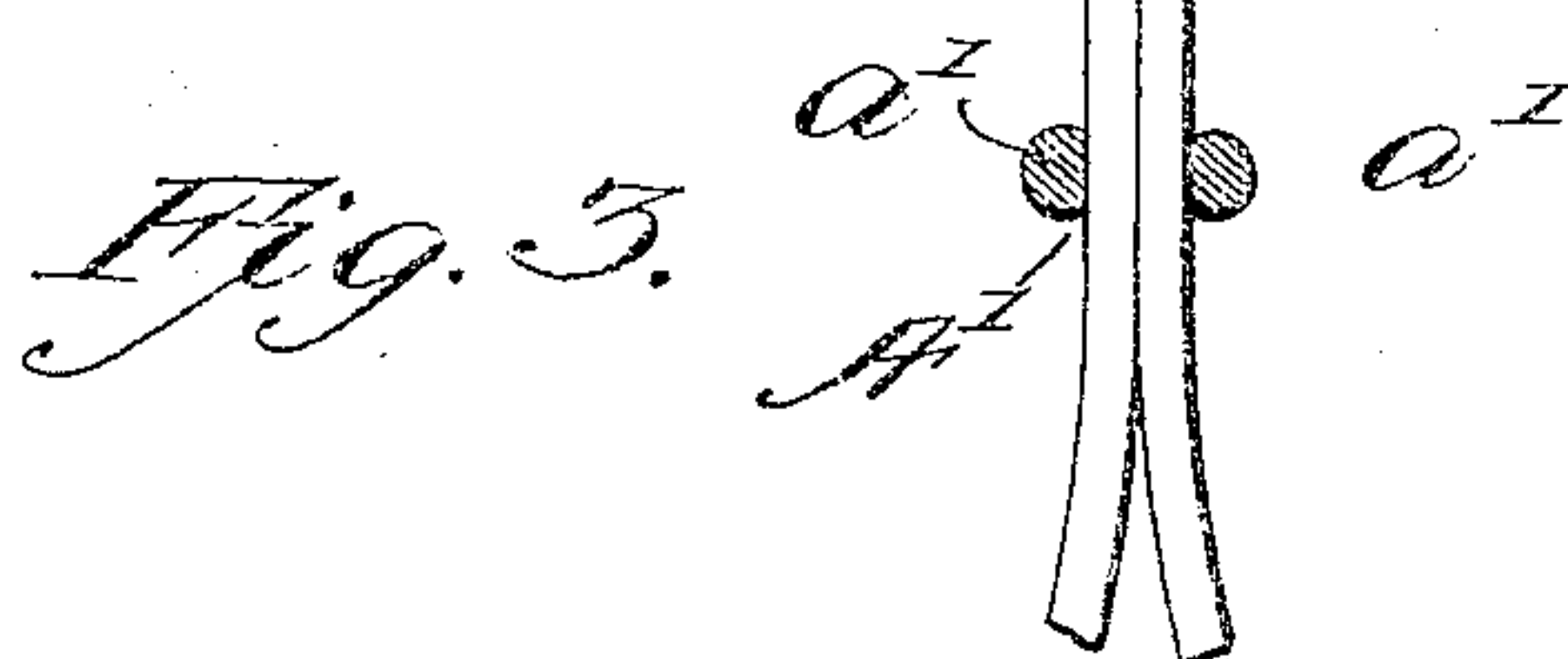
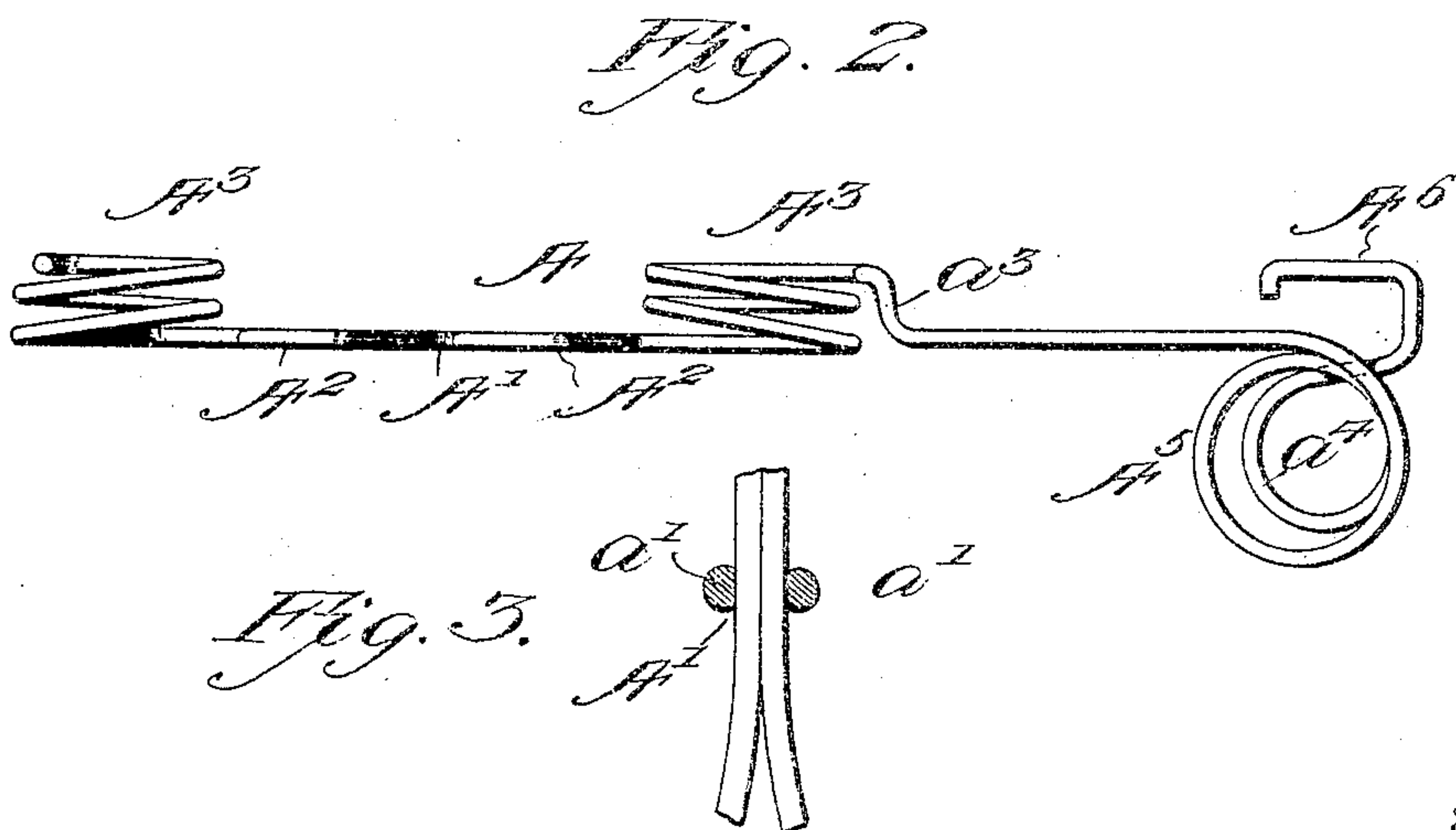
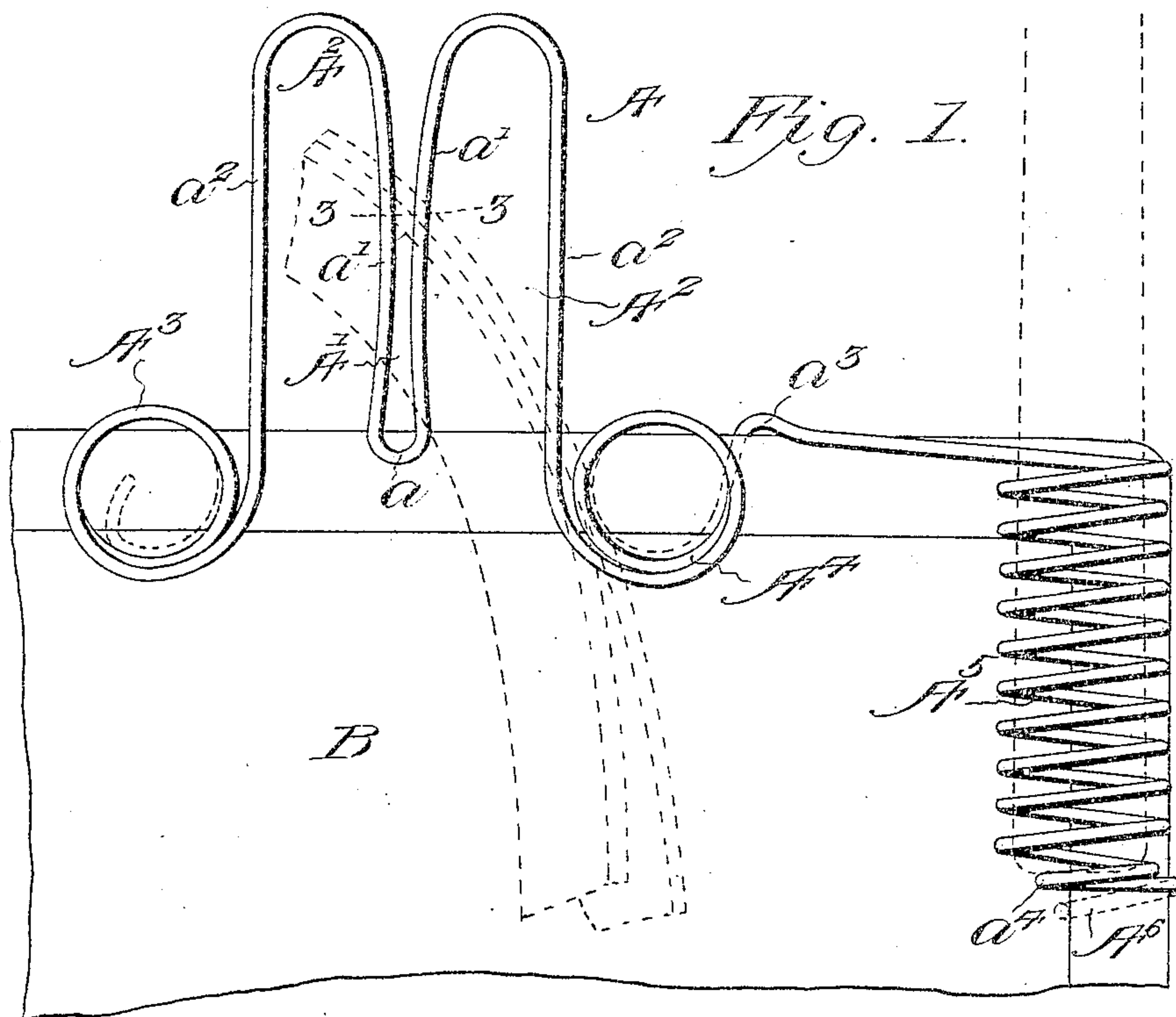


No. 778,682.

PATENTED DEC. 27, 1904.

G. E. KRONING.
COMBINED WHIP SOCKET AND REIN HOLDER.

APPLICATION FILED JUNE 11, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGIENNA E. KRONING, OF PORTERVILLE, CALIFORNIA.

COMBINED WHIP-SOCKET AND REIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 778,682, dated December 27, 1904.

Application filed June 11, 1904. Serial No. 212,219.

To all whom it may concern:

Be it known that I, GEORGIENNA E. KRONING, a citizen of the United States, residing at Porterville, in the county of Tulare and State of California, have invented new and useful Improvements in a Combined Whip-Socket and Rein-Holder, of which the following is a specification.

This invention relates to a combined whip-socket and rein-holder adapted to be fixed or removably attached to the dashboard of a vehicle and arranged for holding a whip and the driving-reins when a person leaves the vehicle unoccupied, thus keeping the reins from falling to the ground and becoming entangled in the feet of the horse or horses, a serious circumstance, which often leads to run-away accidents.

The invention resides in constructing of one piece of metal, preferably spring-wire, a socket for holding a whip and a form of clamp into which the driving-reins are inserted when the driver's hands are otherwise engaged.

In the accompanying drawings, Figure 1 is a view of my invention applied to the dashboard of a carriage. Fig. 2 is a plan view of the device removed from the dashboard. Fig. 3 is a detail view in section on the line 3 3 of Fig. 1.

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

A represents a length of spring-wire bent upon itself at a , as shown in the drawings, to form a downwardly-projecting central tongue or rein-clamp A' , the sides a' of which are curved inwardly to form a holder for the reins; but they may, if desired, be straight instead of curved, the space between them being V-shaped. The wire A is then bent in reverse direction on each side of the tongue or rein-clamp A' to form the sides a^2 of the upwardly-projecting loops A^2 . The sides a' of the rein-clamp A' and a^2 of the loops A^2 lie preferably in the same plane, as clearly shown in Fig. 2. After forming the loops A^2 each end of the

wire is turned outwardly and bent into spiral coils $A^3 A^4$ of several turns. After forming the coil A^4 the wire A is turned back at the outer side of the coil to form the portion a^3 , which extends rearwardly over the top edge of the dashboard, and is then bent again laterally and finally wound into a vertical coil A^5 to form a socket for the whip. The turn a^4 of the wire at the lower end of the coil A^5 is shorter than the others to serve as a bottom for the whip-socket. From the turn a^4 the end of the wire is fashioned into a hook A^6 , which passes around the side of the dashboard B of the vehicle to prevent the rein-holder from canting or turning outwardly when a whip is placed in the socket. If desired, this end of the wire may be passed through the dashboard and riveted on the inside.

In the use of my invention as a rein-holder, for instance, the coils A^3 are forced over the top of the dashboard B and the hook A^6 connected to the side, as shown in Fig. 1. The reins are then pushed edgewise into the rein-clamp A' , which will hold them with spring-pressure sufficiently strong to keep them from falling to the ground. A flat metal ribbon may at times be used with advantage in place of wire. The inner sides of the rein-clamp A' are flattened to give a better hold on the reins.

Instead of one rein-clamp two or more may be formed on the rein-holder to accommodate several pairs of reins without departing from the spirit of this invention.

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

1. As a new article of manufacture, a combined whip-socket and rein-holder consisting of a length of spring-wire bent upon itself to form a rein-clamp, a loop on each side of said clamp, a horizontal coil at the end of each of said loops, and a vertical coil to hold a whip formed of a continuation of said wire from one of said loops, a hook being formed below said vertical coil by the end of said wire.

2. As a new article of manufacture, a combined whip-socket and rein-holder, construct-

ed of a length of spring-wire bent upon itself
to form a loop with incurved sides to serve as
a rein holder or clamp, a horizontal coil of a
few turns on each side of said loop, also formed
5 of said wire, by means of which said rein-
holder is supported, one end of said wire being
then formed with a bent portion a^3 and ex-
tended laterally to form a vertical coil for a

whip, the end of said wire ending in a hook
below said vertical coil. 10

In testimony whereof I affix my signature in
presence of two witnesses.

GEORGIENNA E. KRONING.

Witnesses:

MATTIE A. LARSON,
AUBREY M. LUMLEY.