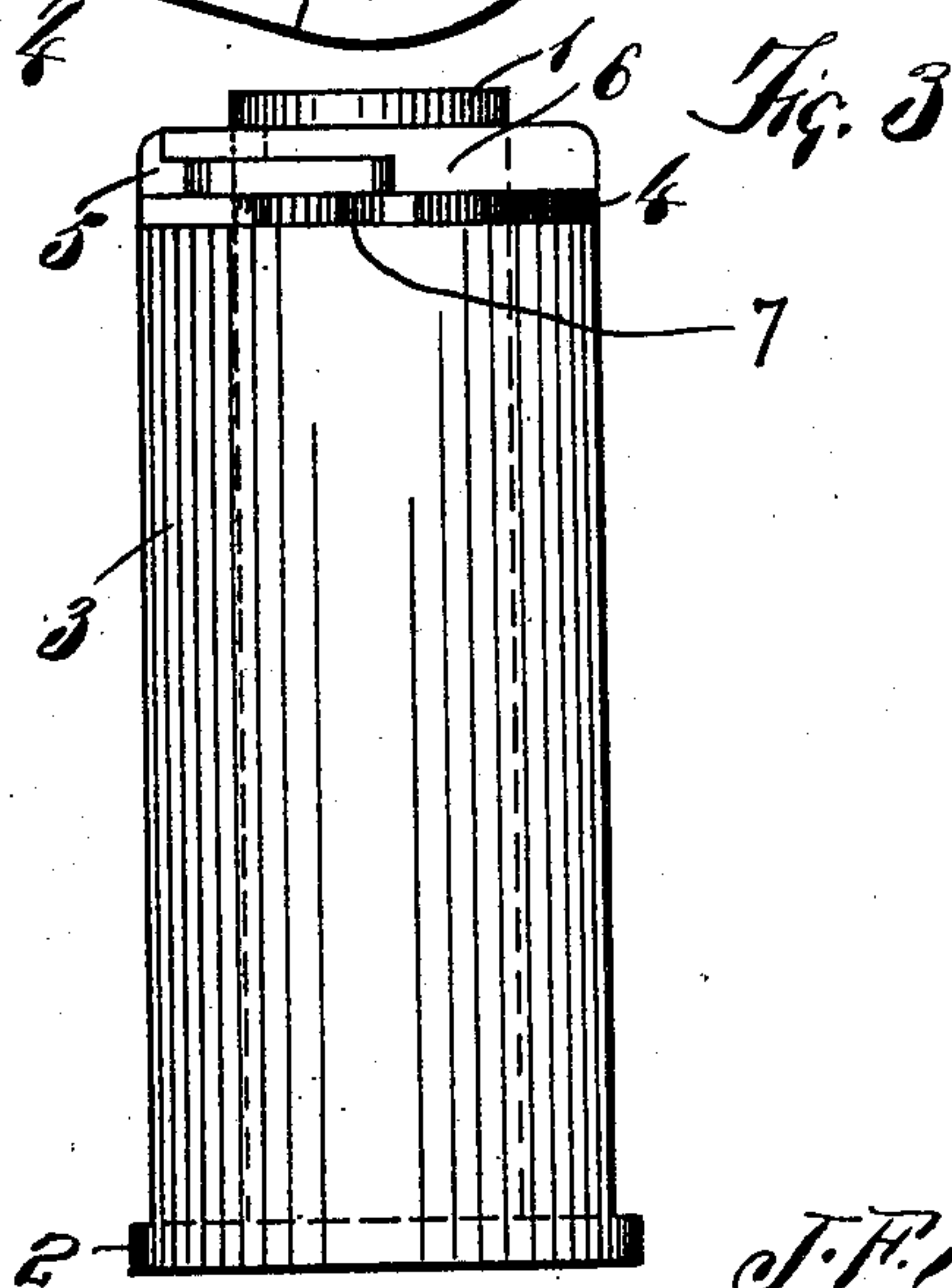
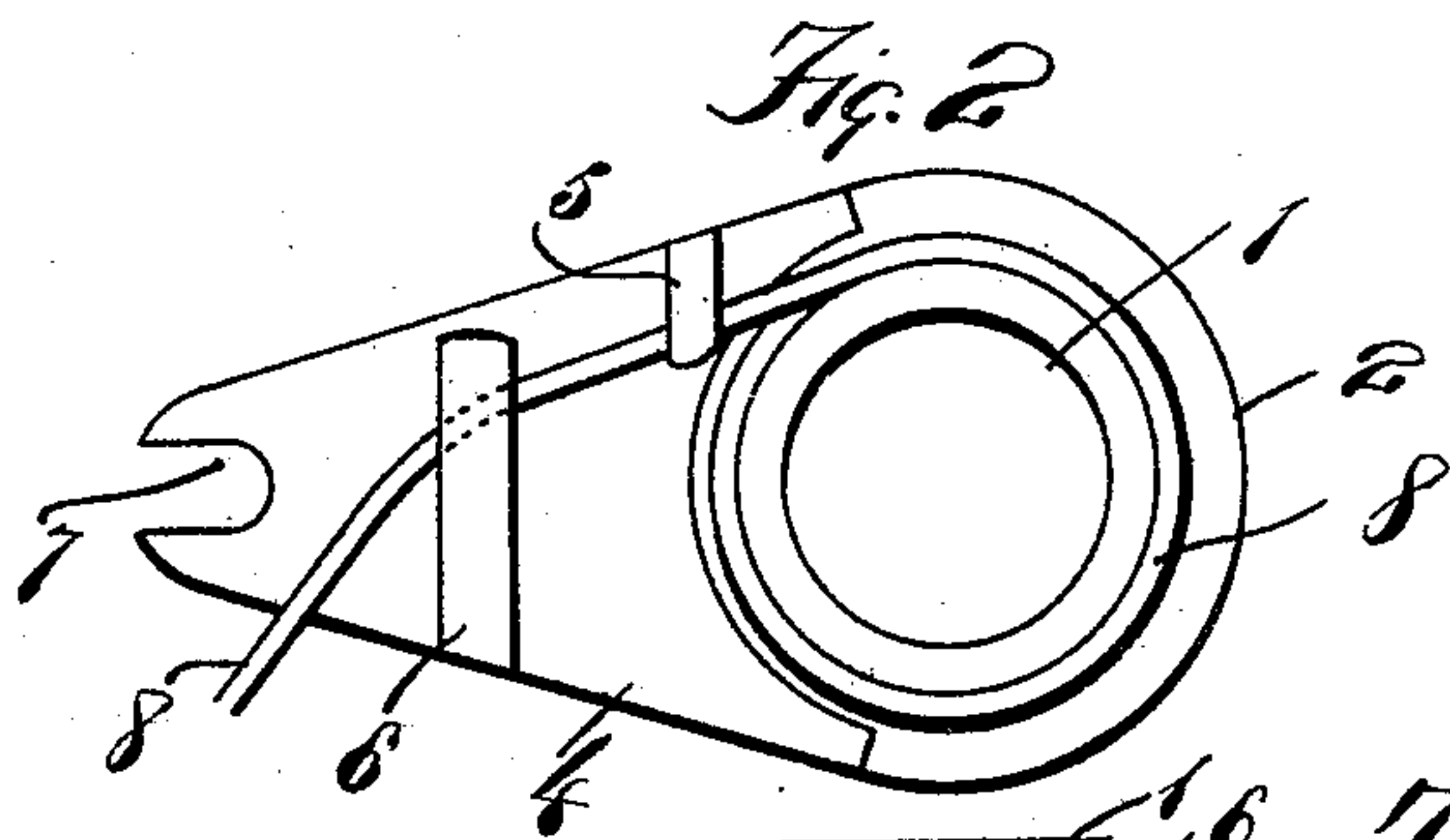
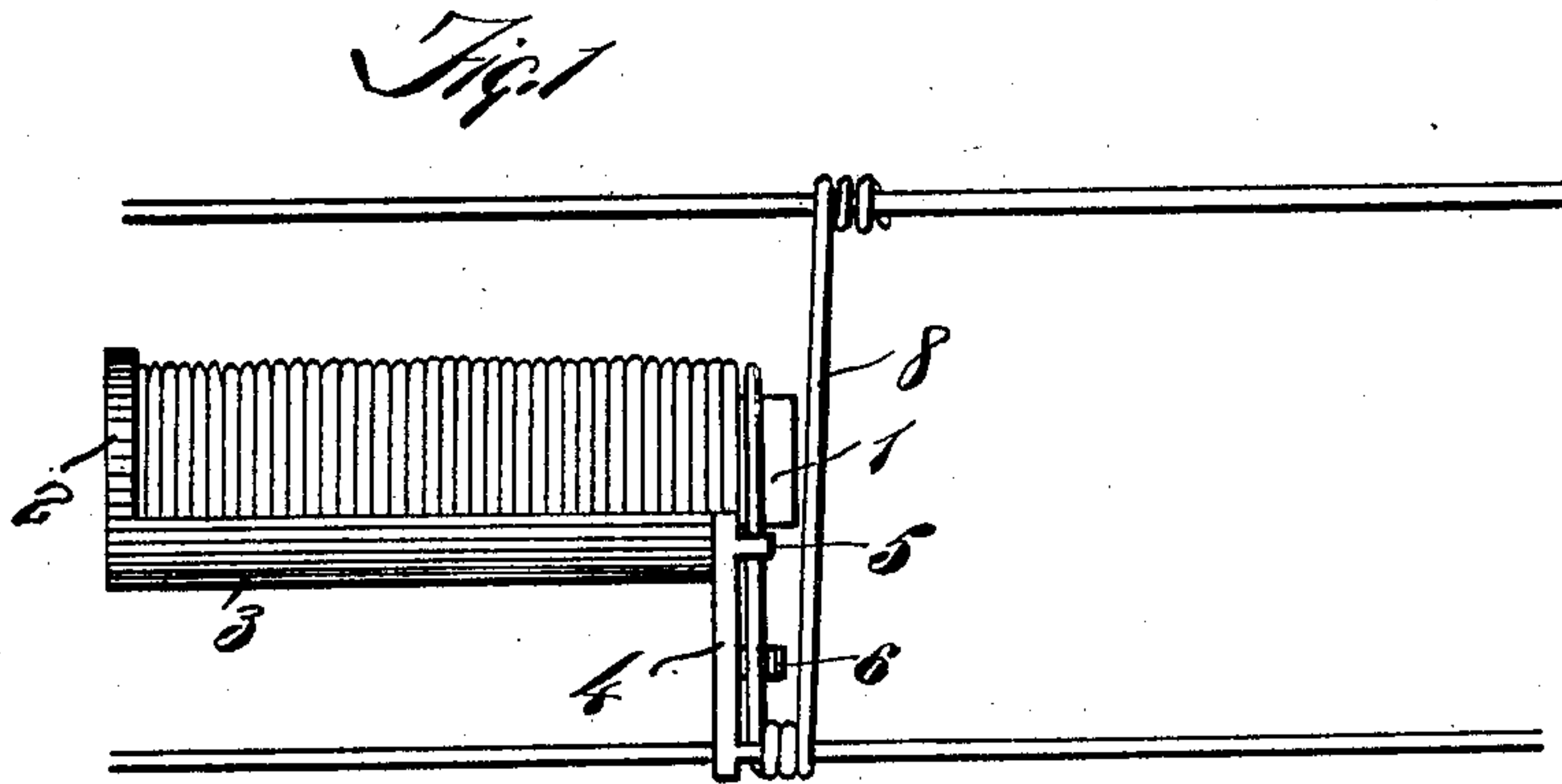


J. F. SHELTON.
STAY WIRE APPLYING TOOL.
APPLICATION FILED NOV. 11, 1908.

917,168.

Patented Apr. 6, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN F. SHELTON, OF FORT WORTH, TEXAS.

STAY-WIRE-APPLYING TOOL.

No. 917,168.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed November 11, 1908. Serial No. 462,014.

To all whom it may concern:

Be it known that I, JOHN F. SHELTON, a citizen of the United States, residing at Fort Worth, in the county of Tarrant and State of Texas, have invented a Stay-Wire-Applying Tool, of which the following is a specification.

My invention relates to a tool for applying stays to the line wires of a fence, and the object is to provide a tool which is simple in construction and durable and which can be manually operated with facility and despatch in applying stays to the line wires of a fence.

Another object is to provide a tool which carries enough wire to make several stays and which carries the wire close to the point of application and which is provided with applying devices that are in line with the wire as it is fed from the tool and which operate at a right angle to the fence wires and close to the fence wire so that the stay can be wrapped on the fence wire with great force.

Other objects and advantages will be fully explained in the following description, and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings which form a part of this application.

Figure 1 is a side elevation of the tool in action. Fig. 2 is a plan or end view. Fig. 3 is a side elevation, as seen from the left of Fig. 2.

Similar characters of reference are used to indicate the same parts throughout the several views.

The tool herein set forth includes a base 2 which has a core 1 integral therewith. This core serves as a spindle for a coil of wire 8. A segment of a cylinder constitutes a frame for the tool and a barrel for the coil of wire which is placed about the core 1. The frame 3 is formed integral with the base 2. The frame 3 with the core and the coil of wire serves as a crank. The arm 4 carries guide lugs 5 and 6 and has a rounded notch 7 to receive the line wires of a fence. The arm 4 is pivoted on the fence wire while the tool is revolved about the fence wire to wind the stay 8 on the fence wire. The guide lugs 5 and 6 cooperate with the arm 4 to bind the stays on the fence wires. The

lugs 5 and 6 guide the stay wire 8 as it is paid off the core 1, and they cause the wire 8 to travel substantially in line from the periphery of the core 1 to the notch 7.

Attention is called to the fact that the wire is paid out at right angles to the fence wire and also that the arm 4 and the lugs 5 and 6 (which constitute the stay applying devices) are close to the notch 7 or close to the point of application. The whole tool is thus used to force the wire or bind the stay wire on the fence wire, the arm 4 serving as a lever with a fulcrum in the notch 7. The arm 4 is flush with the outer end of the frame 3 and the core projects beyond the frame.

The wire 8 is formed into coils which will make a plurality of stays. A new coil is placed on the core 1 as the old coil is used up or paid out. To start a stay on the first fence wire, the end of the wire is placed across the fence wire adjacent to arm 4, the wire of the fence being in the notch 7. The end of the wire may be held until the tool is revolved about the wire a sufficient number of times to bind the stay on the fence wire. The tool is then carried to the next fence wire and revolved about the wire until the stay is securely bound on the fence wire and then carried to the next fence wire and the operation repeated.

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

1. A stay applying tool comprising a frame consisting of a base and a segmental barrel integral therewith, a core within the barrel and integral with said base for receiving a coil of wire, an arm integral with the barrel and flush with the top of the barrel and having a notch in the outer end thereof, and guide lugs integral with said arm for guiding the wire from the periphery of said core to said notch.

2. A stay applying tool comprising a frame consisting of a base and a segment of a barrel integral therewith, a core within said segment and integral with said base and projecting out of said segment, and an arm at right angles to said barrel segment and flush with the outer end thereof and carrying stay applying devices.

3. A stay applying tool comprising a base, a core integral therewith, a frame integral

with said base and partly concentric with
said core, an arm integral with said frame
and flush with the outer end of said frame
and at right angles thereto, and applying
5 devices carried by said arm for guiding
wire from said core to the line wires of
fences.

In testimony whereof, I set my hand in
the presence of two witnesses, this seventh
day of November, 1908.

JOHN F. SHELTON.

Witnesses:

A. L. JACKSON,
BEN SPRINT.