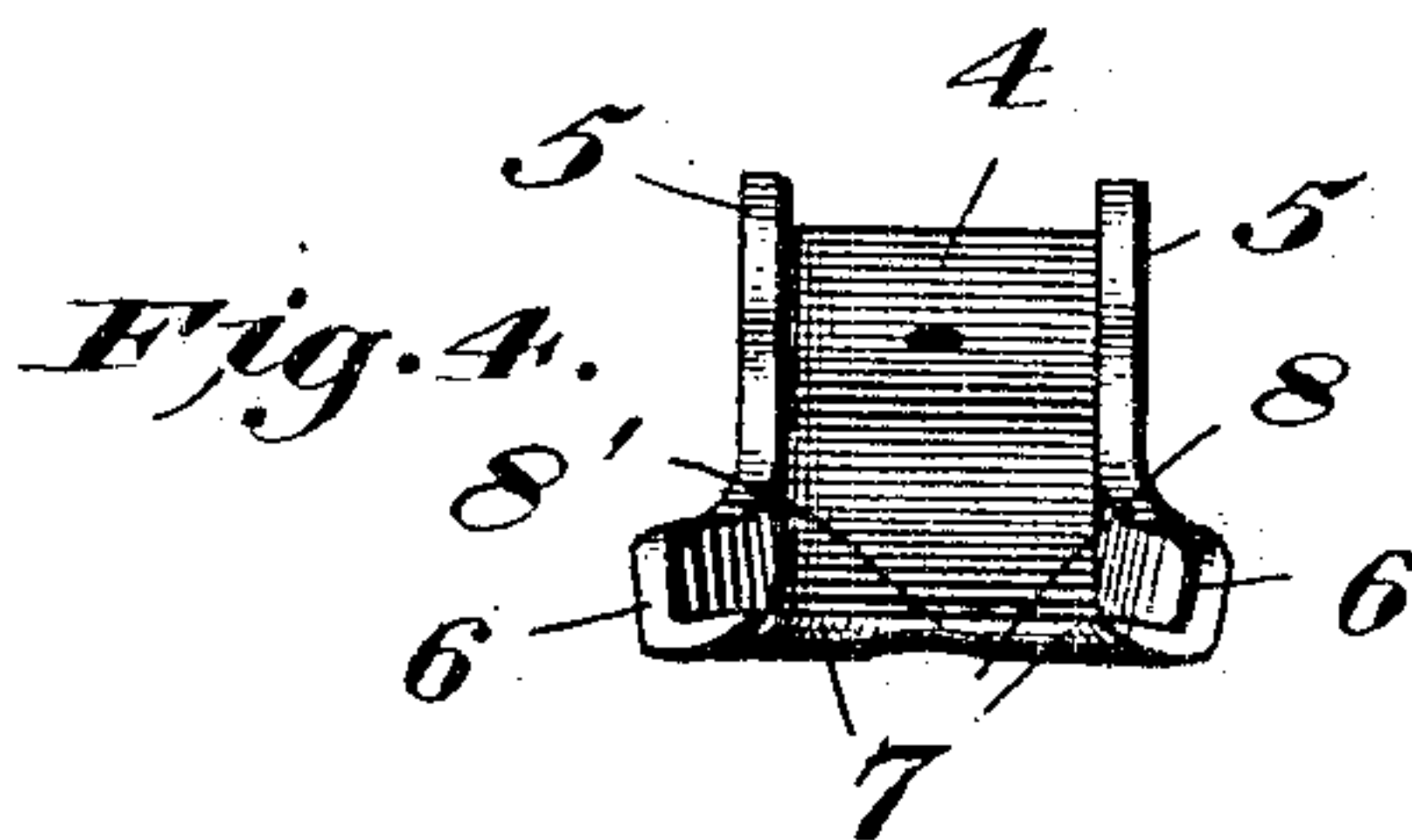
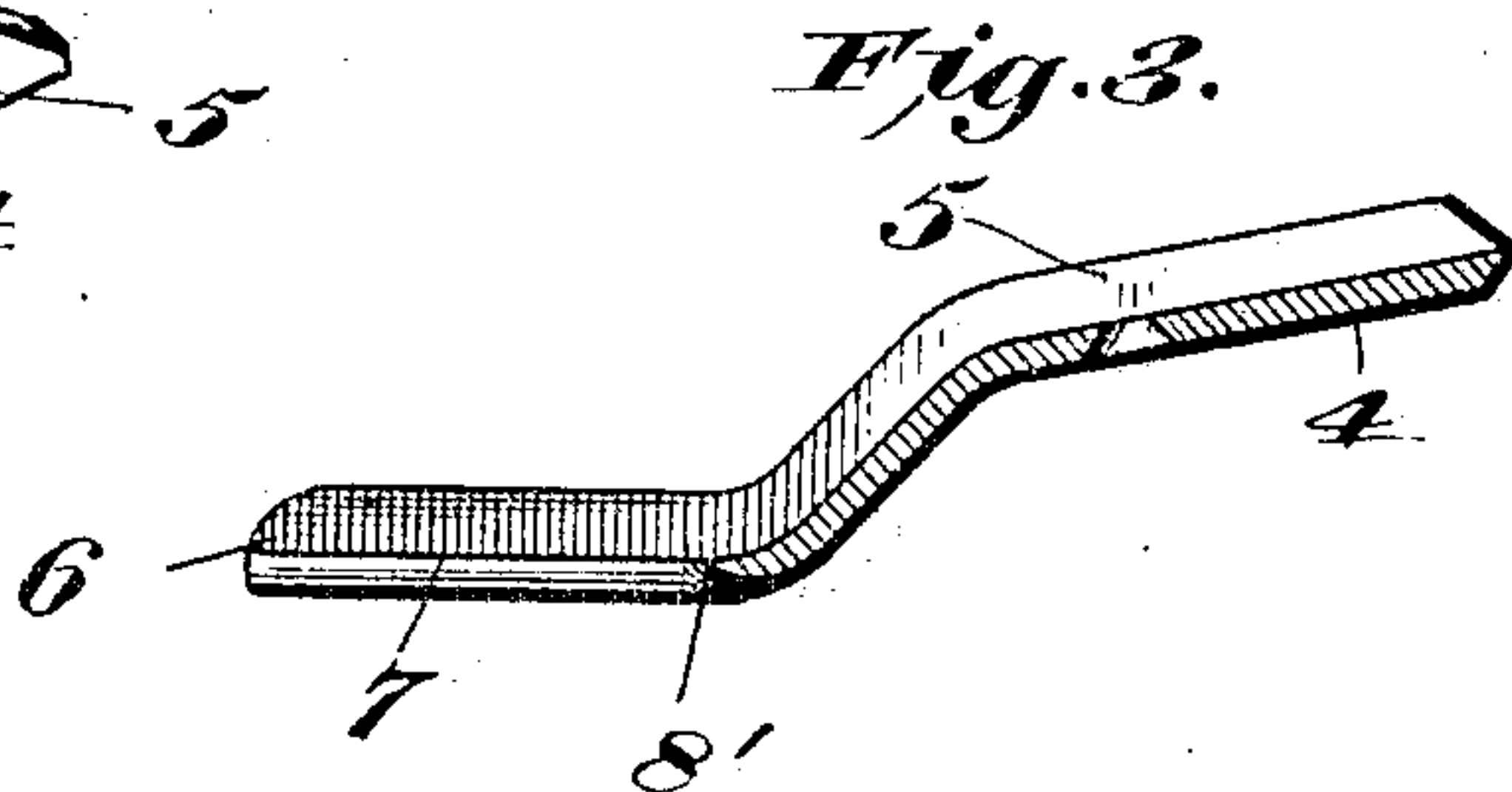
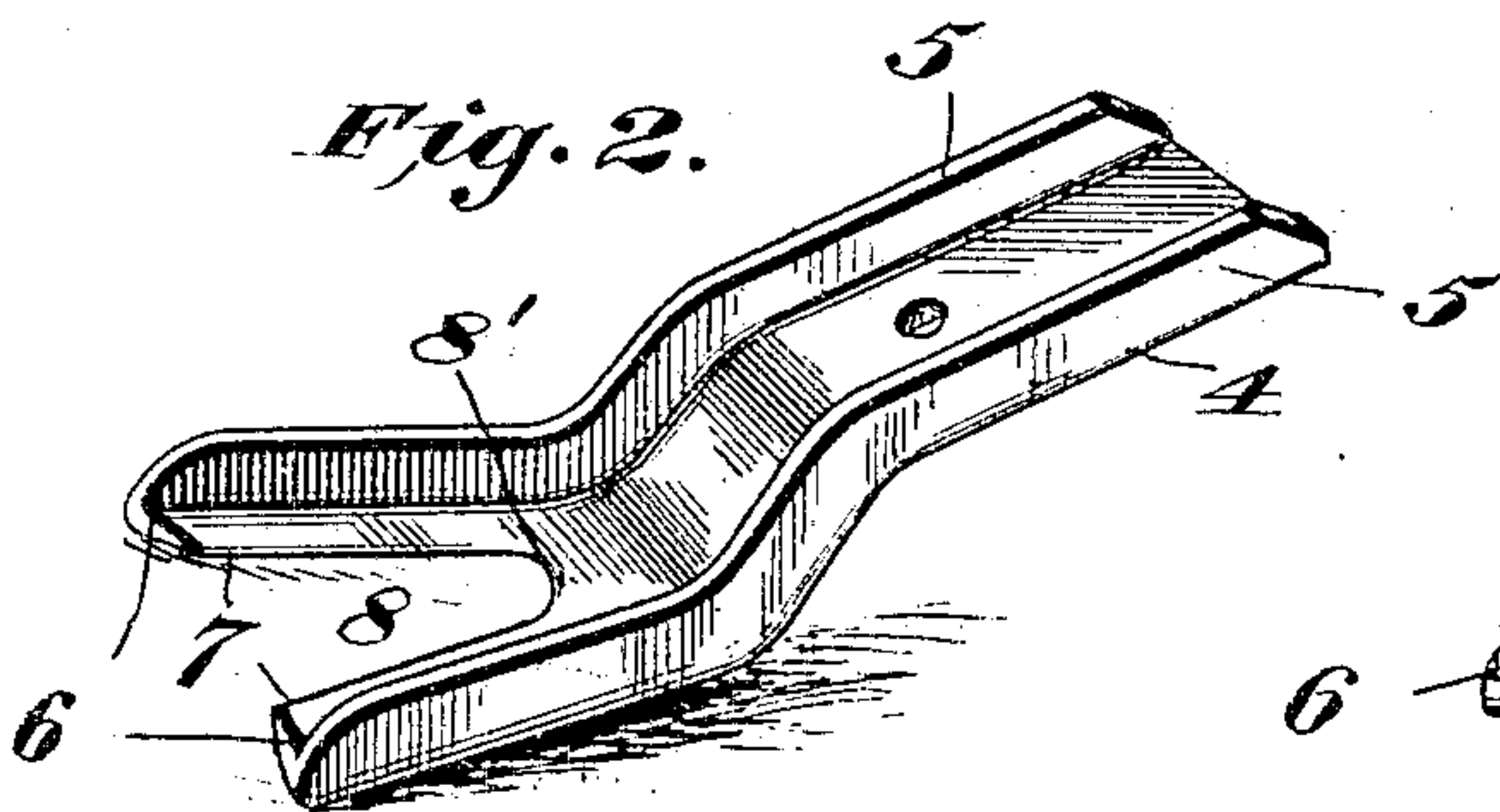
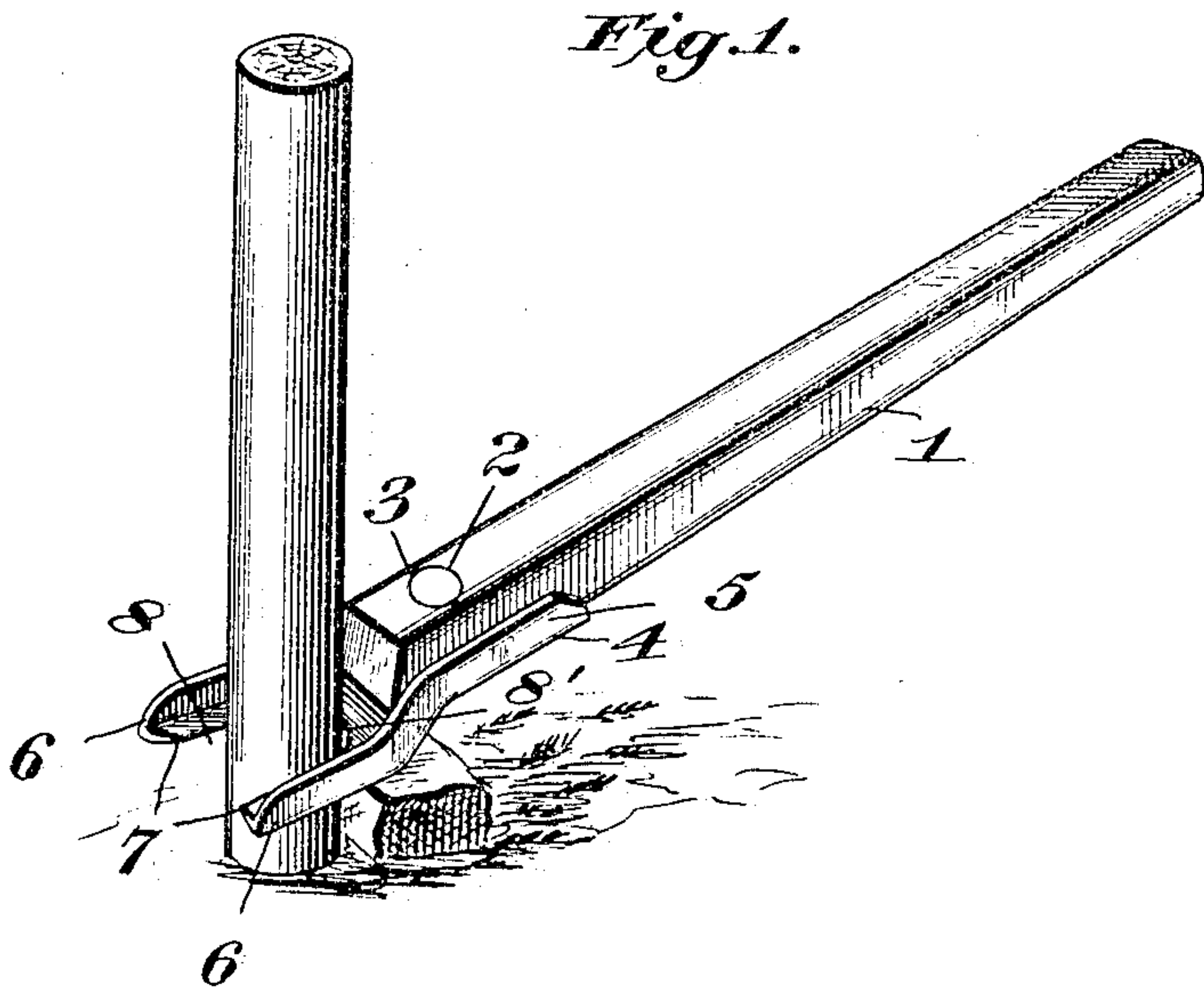


No. 781,638.

PATENTED FEB. 7, 1905.

L. S. DOAN.
FENCE POST PULLER.
APPLICATION FILED MAR. 11, 1904.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LUKE S. DOAN, OF BUFFALO, MISSOURI.

FENCE-POST PULLER.

SPECIFICATION forming part of Letters Patent No. 781,638, dated February 7, 1905.

Application filed March 11, 1904. Serial No. 197,632.

To all whom it may concern:

Be it known that I, LUKE S. DOAN, a citizen of the United States, residing at Buffalo, county of Dallas, and State of Missouri, have invented certain new and useful Improvements in Fence-Post Pullers, of which the following is a specification.

My invention relates to fence-post pullers.

The object of the invention is to provide a post-puller which is practical in construction and adapted to be manipulated with ease and dexterity.

A further object is to obviate the cumbersome which is apparent in most post-pullers of the present day and to make a light, strong, and easily-portable puller.

The invention consists in a manipulating-handle of strong material, to which is secured a bifurcated metal member having cutting edges which are adapted to sink into the post and when operated will raise the post from its seat in the ground.

The invention further consists in the novel features and arrangement of parts and other points of construction, which will be more fully set forth in the following specification and pointed out in the appended claims.

I attain these objects by means which will be illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device as applied to the post. Fig. 2 is an enlarged detail of the bifurcated member. Fig. 3 is a longitudinal section through Fig. 2. Fig. 4 is a front view.

Referring more especially to the drawings, 1 represents the manipulating-handle, which is provided with an aperture at 2, designed to receive the bolt or rivet 3, which secures the member 4 in position on the handle. This member 4 has sides or flanges 5, bent into conformity with the end portion of the handle and extending to its outer extremity for purposes of strength and rigidity of structure, and a back *x* connecting said sides. Extending and depending from the natural plane of the back *x* of the member 4, which is attached to the handle, are jaws 6, having cutting edges 7. These jaws flare outwardly from the longitudinal plane of the sides 5 and

form, in connection with the diagonal cut 8 of the cutting edges 7, a V-shaped opening which is adapted to engage the post on either side and cut into said post, so that when the handle is operated the post is grasped firmly by the sharp cutting edges to raise it from the ground. These jaws also rise slightly from the line of the lowest depending portion to about the line of the handle. This insures the cutting edges 7 readily forcing their way into the fibers of the wood of the post to be operated upon. Extending around in semi-circular formation and forming a continuation of the cutting edges 7 is a cutting edge 8, which is adapted to engage posts of smaller diameter than can be readily grasped by the cutting edges 7. Furthermore, if the device can be jammed upon the post so that the cutting edges 7 and the cutting edge 8 can grasp the post it affords a more secure hold and less liability of slipping.

In operation the device is forced into engagement with the post, the cutting edges of the jaws entering and engaging the wood on either side, and then a fulcrum, stone or block, is placed beneath the depending portion of the member 4 and the handle depressed, which operation tends to force the jaws farther into engagement with the post and at the same time raise it from the ground. This will be understood when it is stated that as the handle is depressed the fulcrum, stone or block, naturally slips back to the natural plane of the handle, and this forces the jaws into engagement with the post on account of the angle which the depending portion has.

Having thus described my invention, what I desire to secure by Letters Patent is—

1. A post-puller comprising a handle, and a member rigidly secured to said handle and adapted to cut into a post on two sides.

2. A post-puller comprising a handle and a bifurcated member secured to said handle and adapted to straddle and cut into a post on two sides.

3. A post-puller having a handle, and a member rigidly secured to the handle and provided with jaws, said jaws adapted to straddle and cut into a post on two sides.

4. A post-puller having a handle, and a

member rigidly secured to said handle and provided with stationary jaws, said jaws adapted to straddle and cut into a post on two sides.

- 5 5. A post-puller having a handle, and a member rigidly secured to said handle and provided with jaws, said jaws flaring from a common center so as to form a V-shaped opening which is adapted to straddle and cut into a post on two sides.
- 10 6. A post-puller having a handle, and a member rigidly secured thereto and provided with jaws, said jaws flaring from a common center and having cutting edges which are adapted to cut into a post on two sides.
- 15 7. A post-puller having a handle, a member whose sides engage said handle, means connecting the sides of said member, and a cutting edge on said connecting means adapted to cut into a post.
- 20 8. A post-puller having a handle, a member secured to said handle, and a bifurcated part on said member depending from the plane

thereof, said bifurcated part adapted to straddle and cut into a post on two sides.

9. A post-puller having a handle, a bifurcated member secured to said handle and depending from the plane thereof for a predetermined distance and then rising to the line of the handle, said member provided with jaws adapted to engage a post.

10. A post-puller having a handle, a bifurcated member secured to said handle and depending from the line thereof for a predetermined distance and then rising to the line of the handle, said member provided with jaws on said raised portion and said jaws having cutting edges adapted to engage a post.

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

LUKE S. DOAN.

Witnesses:

W. G. O'BANNON,
ARTHUR O'BANNON.