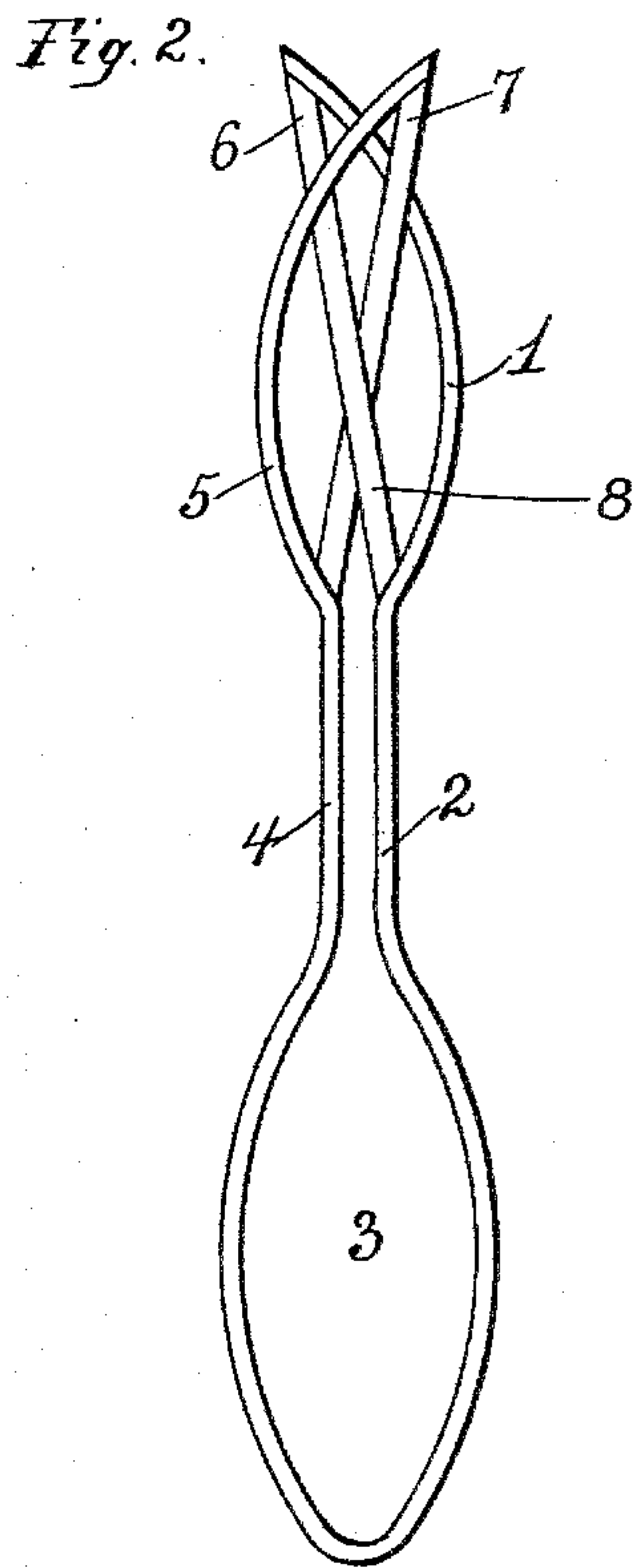
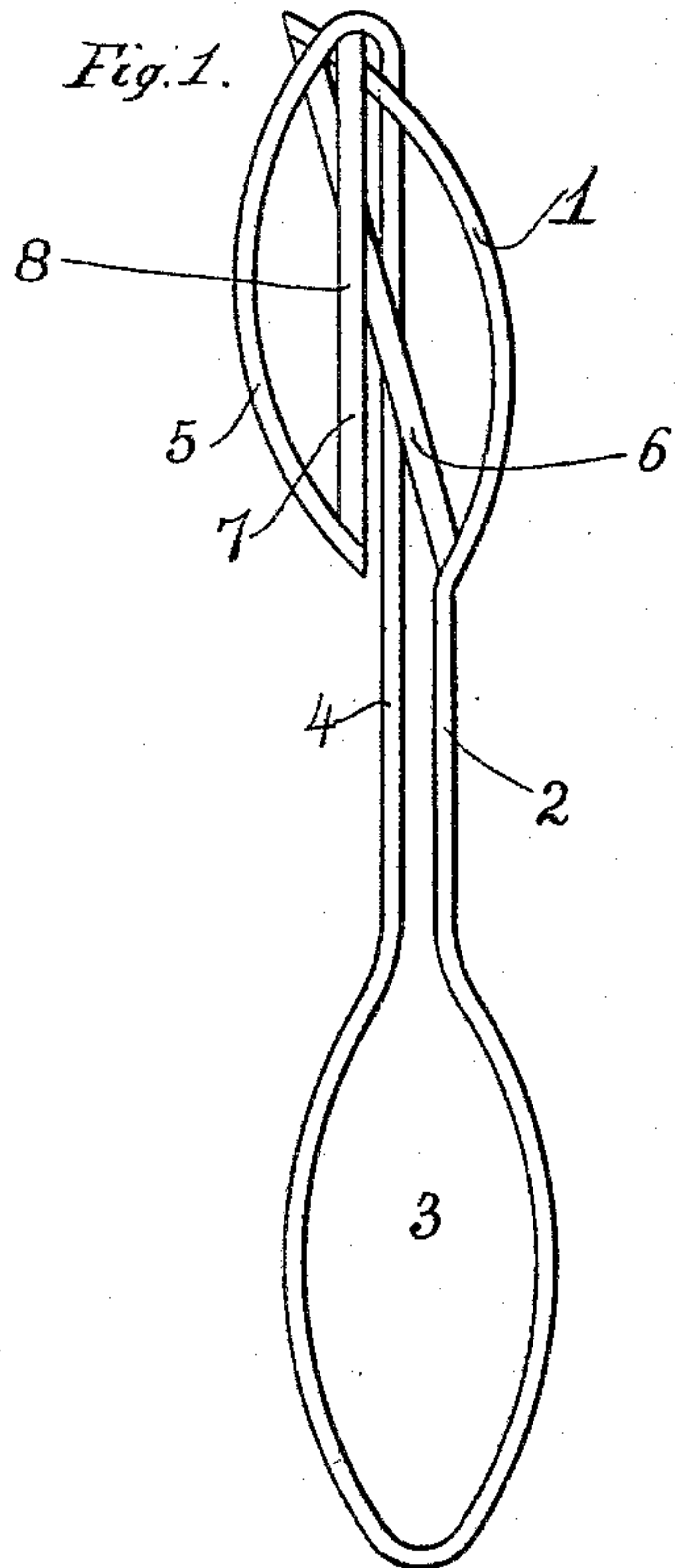


(No Model.)

B. NICHOLS.
KNIFE SHARPENER.

No. 583,927.

Patented June 8, 1897.



WITNESSES:
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UNITED STATES PATENT OFFICE.

BENJAMIN NICHOLS, OF BEACHMONT, MASSACHUSETTS.

KNIFE-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 583,927, dated June 8, 1897.

Application filed March 15, 1897. Serial No. 627,540. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN NICHOLS, a citizen of the United States, and a resident of Beachmont, county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Knife-Sharpener, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar figures of reference indicate corresponding parts.

This invention relates to improvements in knife-sharpener, the object thereof being to supply an article of this character which is adaptable for sharpening all kinds of knives without danger of the knife slipping to injure the operator.

The device is durable and inexpensive, and it is capable of being successfully operated by the most unskilful persons.

The invention will be hereinafter fully described, and specifically set forth in the annexed claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of my improved device in its preferred form, and Fig. 2 is a similar view showing a modified construction thereof.

In the practice of my invention the body or main portion of the device comprises a single piece or strip of resilient wire, steel, brass, or any other suitable metal. This said strip is bent at one end into a bow 1, the bow extending downwardly at an angle.

From the lower end of the bow 1 the wire is extended vertically into a bar 2, upon the lower end of which is formed a loop 3, and extended from this loop, parallel with the bar 2, is a bar 4, from the upper end of which is extended a bow 5, this said bow curving in an opposite direction to the bow 1, and the bow 1 being extended at an angle causes the bows 1 and 5 to cross each other, and they are interlooped to prevent lateral displacement. Connected to these said bows and rigidly attached to their respective ends are hardened-

steel blades 6 and 7. This description applies specifically to the construction illustrated by Fig. 1 of the drawings.

In Fig. 2 the bows 1 and 5 cross each other at opposite angles, and the rod or bar 4 terminates at the lower end of the bow 5, thus providing simplicity of construction. The bows in this construction are also interlooped.

In the operation of the device it is grasped, preferably, in the left hand by means of the loop 3, which acts as a handle. A blade of the knife is then forced into contact with the two sharpening-blades 6 and 7 at the point 8 and moved laterally and outwardly until the desired edge is supplied thereto, and it is obvious that the device can be successfully operated by any one having strength to use it, as no skill whatever is required.

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

1. A knife-sharpener, comprising two bows crossing each other and connected to the respective arms of a spring-loop, and sharpening-blades secured to the bows, substantially as shown and described.

2. A knife-sharpener, composed of a single strip of resilient wire comprising two cross-bows having blades attached thereto, parallel rods extended from the said bow and a loop connected to the said rods, substantially as shown and described.

3. In a knife-sharpener, the combination of two crossed bows having blades connected thereto and two parallel rods extended from the said bows and a spring-loop connected to the said rods, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 11th day of March, 1897.

BENJAMIN NICHOLS.

Witnesses:

WILLIAM JOB ALLARD,
FRANK P. TOWLE.