

No. 791,484.

PATENTED JUNE 6, 1905.

R. MERTIN.
HOLDER FOR EMERY BOARD OR SANDPAPER NAIL FILES.

APPLICATION FILED FEB. 11, 1905.

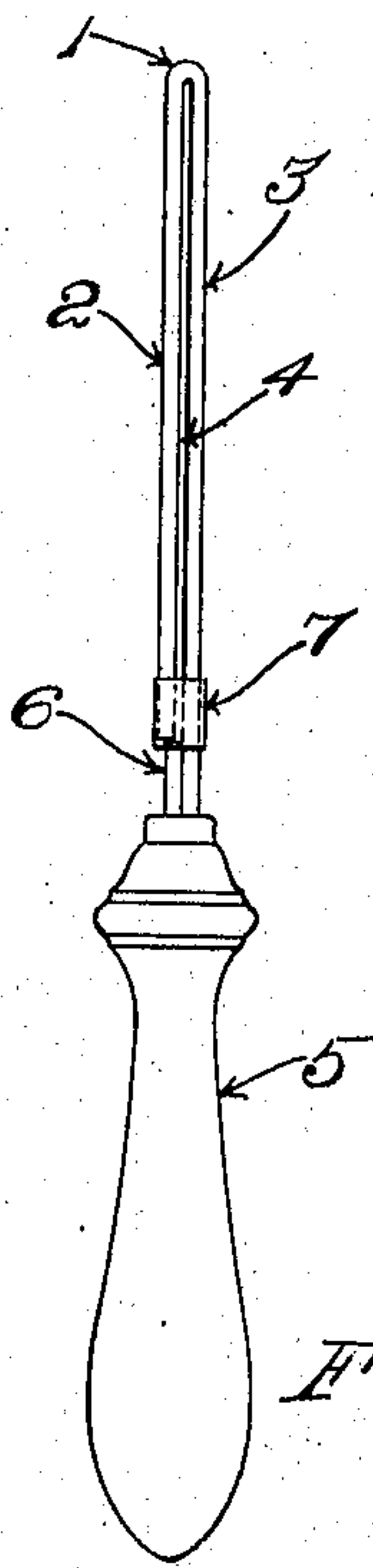


Fig. 1.

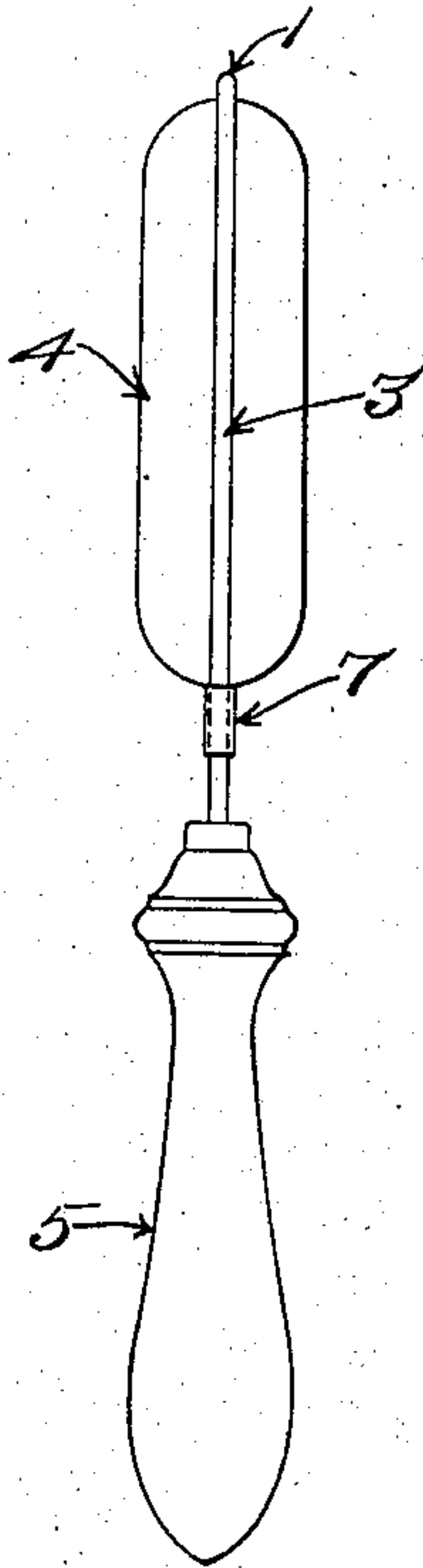


Fig. 2.

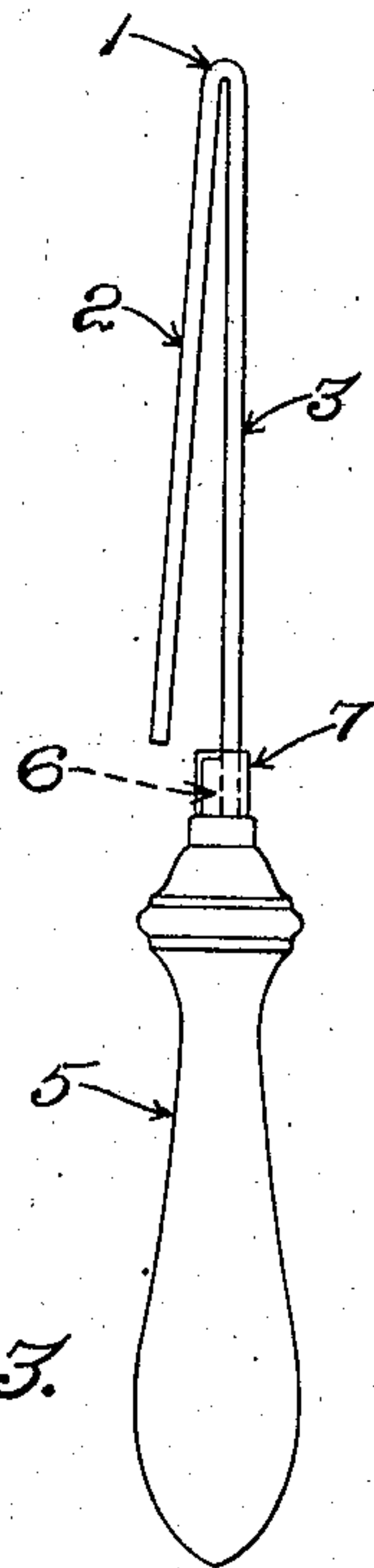


Fig. 3.

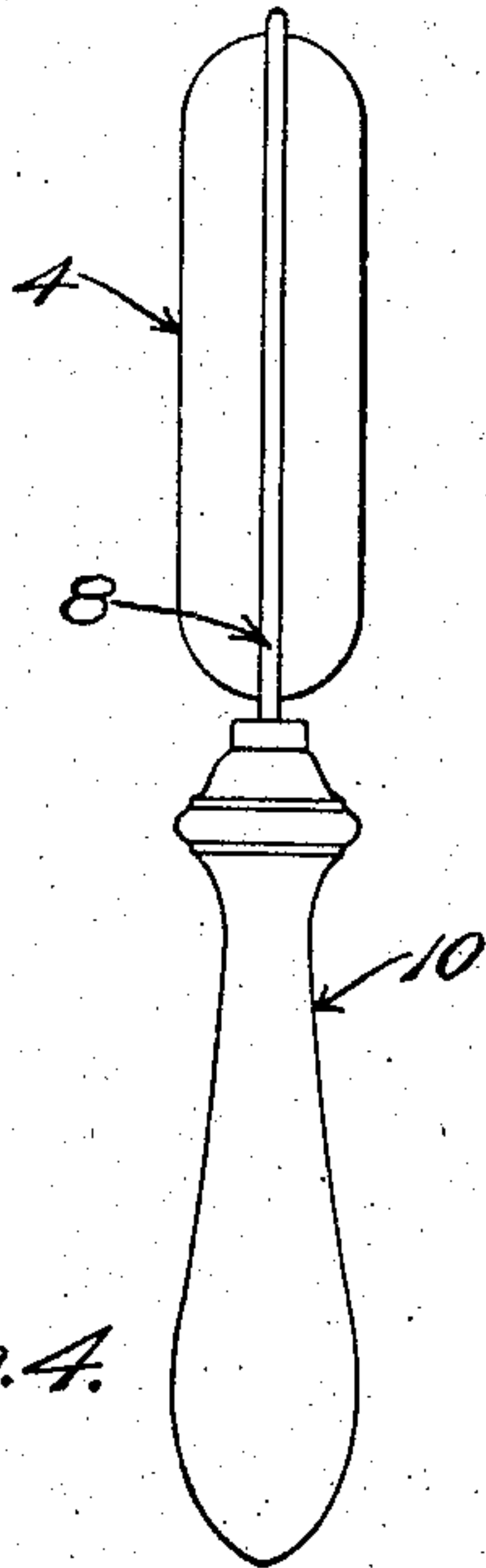


Fig. 4.

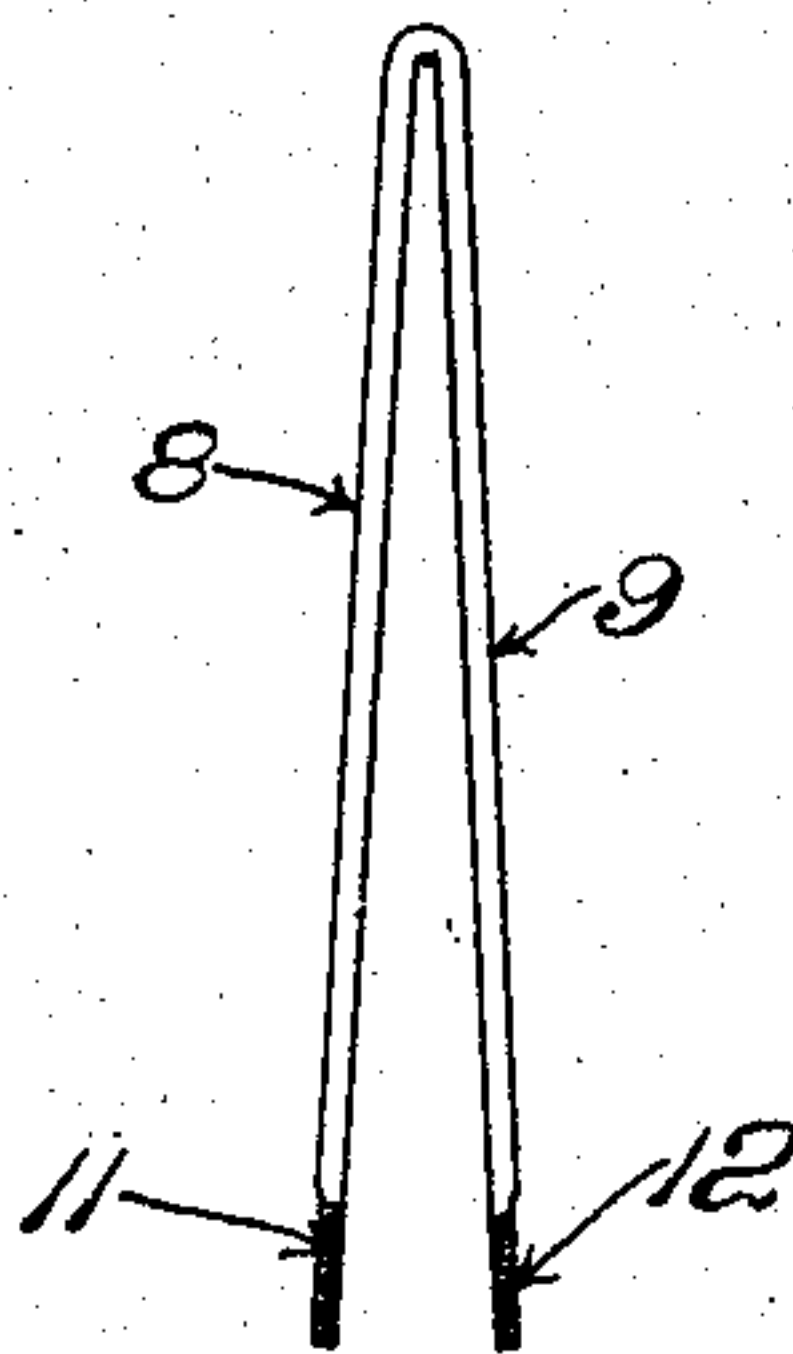


Fig. 6.

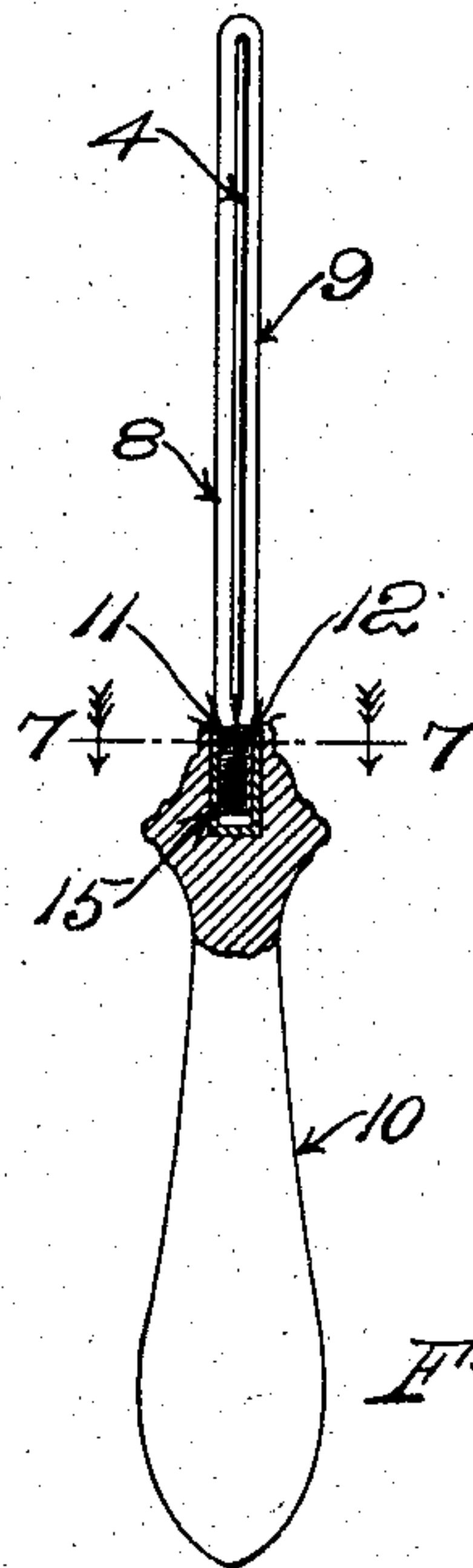


Fig. 5.

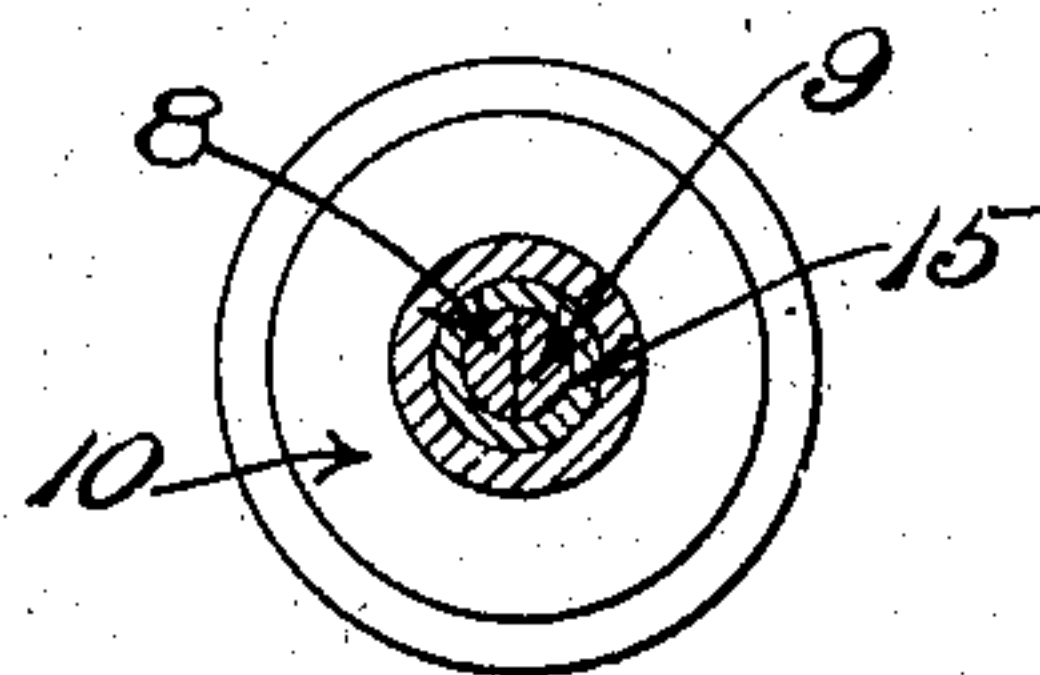


Fig. 7.

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UNITED STATES PATENT OFFICE.

RUDOLPH MERTIN, OF BOSTON, MASSACHUSETTS.

HOLDER FOR EMERY-BOARD OR SANDPAPER NAIL-FILES.

SPECIFICATION forming part of Letters Patent No. 791,484, dated June 6, 1905.

Application filed February 11, 1905. Serial No. 245,266.

To all whom it may concern:

Be it known that I, RUDOLPH MERTIN, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Holders for Emery-Board or Sandpaper Nail-Files, of which the following is a specification.

Emery-boards and sandpaper-boards which are made use of both by manicurists and by individuals as a nail-file are usually cut into small strips or sheets and in use are held directly by the fingers without any holder. This results in inconvenience in handling, as well as soiling the fingers, and it is also wasteful of the file, which is quite readily broken, and is then useless, although not worn out otherwise.

The object of the present invention is to provide a holder for the file, into which the file can be readily and quickly inserted and from which it can be also quickly removed when worn out.

The invention will now be fully described, reference being had to the accompanying drawings, and the novel features will be particularly pointed out in the claims at the close of the specification.

In the drawings, Figure 1 is a side view of a file and a holder embodying the invention. Fig. 2 is a front view of the file and holder at right angles to Fig. 1. Fig. 3 is a side view of the holder with the file removed and the movable leg released from the clamp. Fig. 4 is a side view showing a modified form of holder. Fig. 5 is a front view of Fig. 4. Fig. 6 is a detail view of the spring-wire holder of the modified form. Fig. 7 is a cross-section on line 7 7 of Fig. 5.

The holder consists of a spring-wire sharply bent upon itself at 1, forming a loop, with two parallel legs 2 3, between which the sandpaper or emery-board file 4 is inserted and clamped.

In the preferred form (shown in Figs. 1, 2, and 3) the leg 3 is larger than the leg 2 and is bent back upon itself, the doubled inner end forming a shank which is secured in a handle 5 in any suitable way and the short return branch 6 extending outward to meet the free end of the leg 2. A slide-sleeve 7 is mounted on the wire holder. In order to open the loop

to remove one file and admit another, the slide is moved back toward the handle 5, as shown in Fig. 3, when the free leg 2 may be spread away from leg 3. The file is then inserted and the leg 2 sprung back into clamping engagement with the file, and the slide 7 is then moved up into the position shown in Figs. 1 and 2, securely clamping the leg against the file and holding it firmly. The outward tension of the leg 2, owing to its being of spring-wire, will prevent the sleeve 7 from slipping while the file is in use.

In the modified form shown in Figs. 4, 5, 6, and 7 the ends of both legs 8 9 are secured in the handle 10 in a readily-detachable manner for purpose of clamping the legs to the file. In order to thus attach the holder to the handle, the end portions 11 12 of the legs are made semicircular in cross-section, so that when the file is clamped between the legs the inner faces of the shank portions 11 12 will be brought together, forming a circle in cross-section, as shown in Fig. 7. These shank portions 11 12 are screw-threaded on the exterior. There is set into the inner end of the handle 10 a metal socket 15, which is tapped out to receive the screw-threaded ends 11 12 of the wire. When it is desired to insert a new file, the holder can be readily unscrewed and taken out to remove the old file. The legs will spring apart, as shown in Fig. 6. A new file can then be placed between the legs, and by pressing them together by the fingers the ends can be screwed again into the socket in the handle, thus clamping the file securely. Preferably the inner faces of the legs are flattened throughout their length, as well as the inner faces of the shank portions, in order to furnish more bearing-surface on the file.

What I claim is—

1. A holder for emery-board and sandpaper nail-files consisting of a spring-wire bent double by a short turn, forming two parallel legs between which the file is held, and a movable clamp for binding together the ends to clamp the legs upon the file.

2. A holder for emery-board and sandpaper nail-files consisting of a spring-wire bent double by a short turn, forming two parallel legs between which the file is held, and a movable

clamp for binding together the ends to clamp the legs upon the file, the clamping-faces of the wire being flattened.

3. A holder for emery-board and sandpaper
5 nail-files consisting of a spring-wire bent double by a short turn, forming two parallel legs between which the file is held, one leg being longer than the other and formed with a return-bend to meet the end of the other leg,
10 said extended portion of the longer leg forming a shank for a handle, and a slide-sleeve which may be engaged with both of said legs to clamp the file between them and which may be slipped back on the shank of the
15 longer leg to release the shorter leg and permit removal of the file.

4. A holder for emery-board and sandpaper nail-files consisting of a spring-wire bent double by a short turn, forming two parallel legs

between which the file is held, one leg being 20 longer than the other and formed with a return-bend, said extended portion of the longer leg forming a shank for a handle, a handle in which said bent shank portion is secured, the return end extending forward from the han- 25 dle to meet the end of the short leg, and a slide-sleeve which may be engaged with both of said legs to clamp the file between them and which may be slipped back on the projecting shank of the longer leg and away from 30 the shorter leg to release the file.

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

RUDOLPH MERTIN.

Witnesses:

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ELIS H. ERICSON.