

No. 617,769.

Patented Jan. 17, 1899.

W. B. PROUTY.

SAW HANDLE.

(Application filed Sept. 22, 1898.)

(No Model.)

Fig. 1.

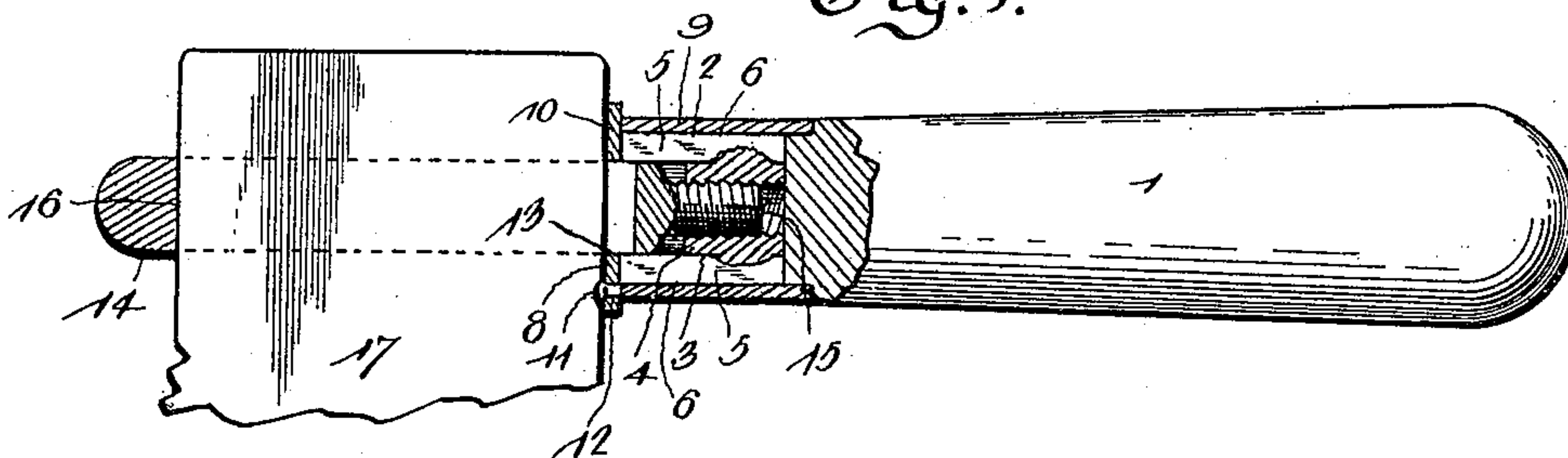


Fig. 2.

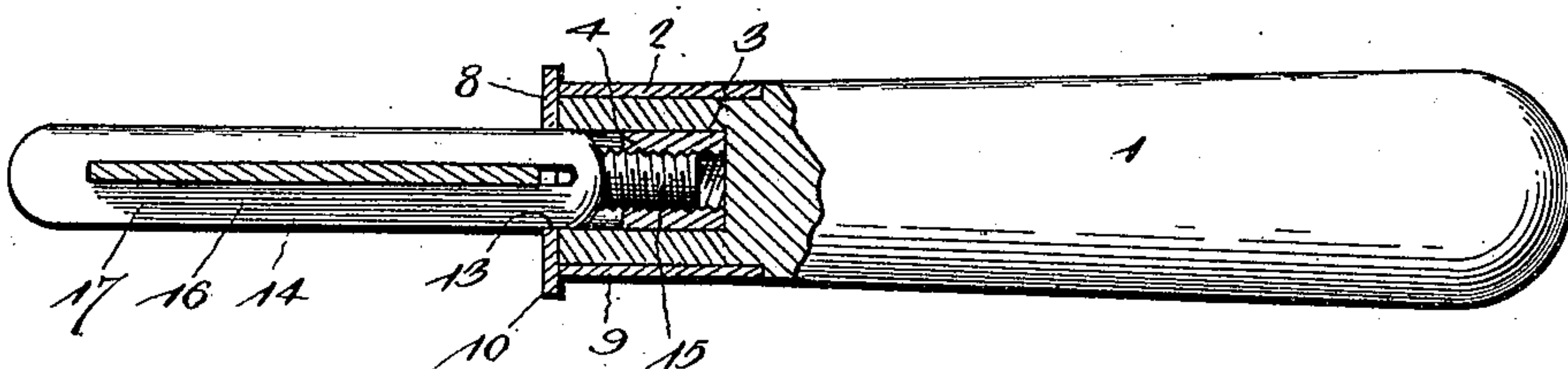


Fig. 3.

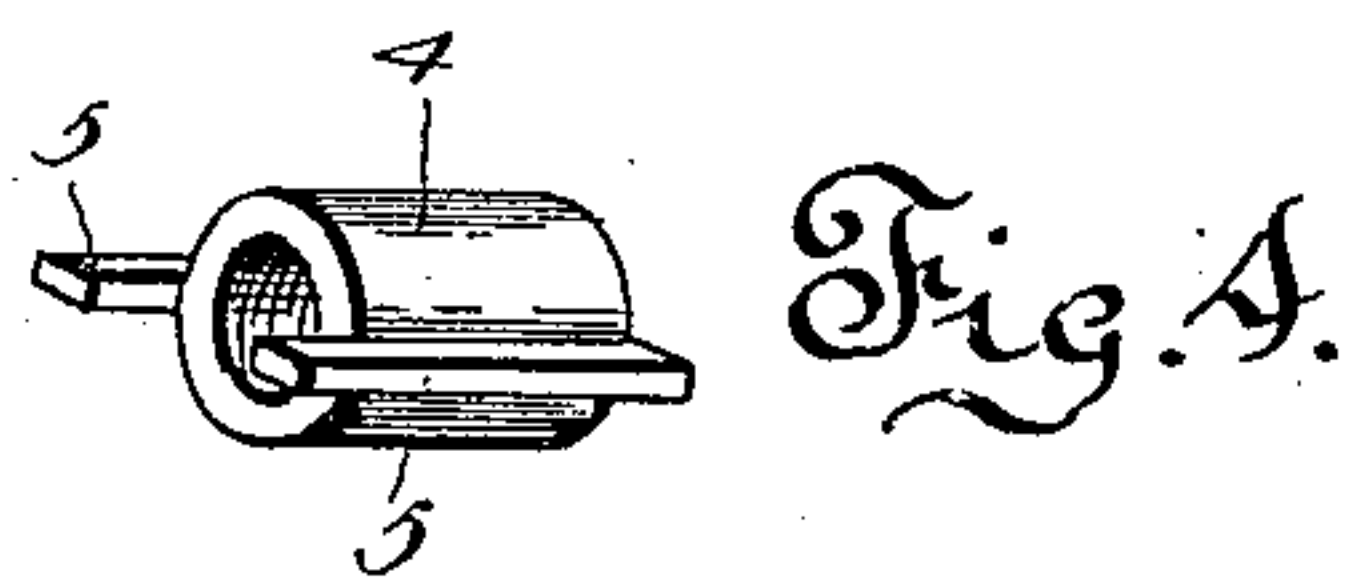
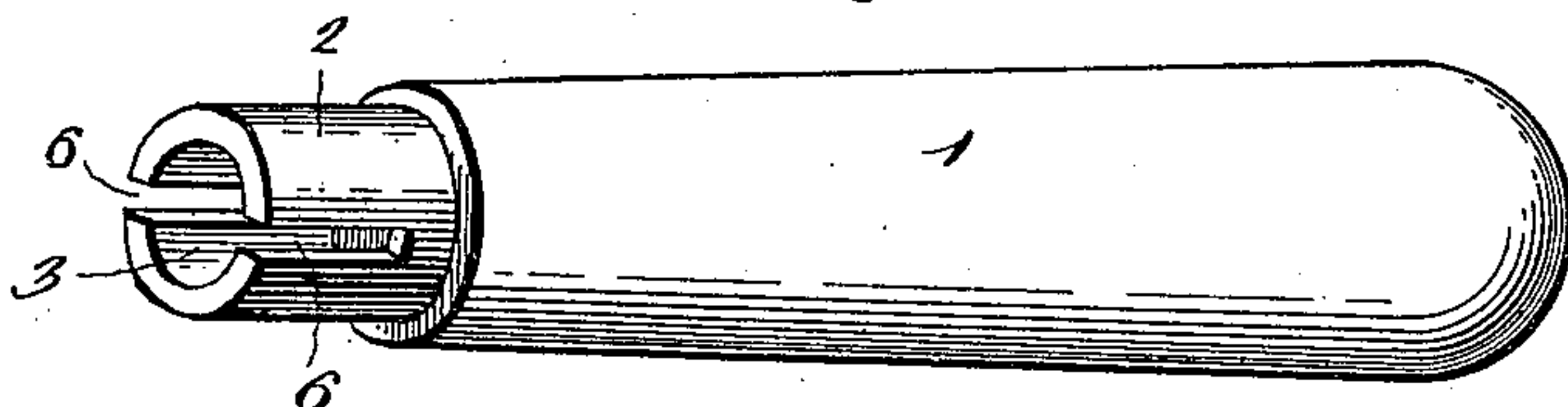


Fig. 4.

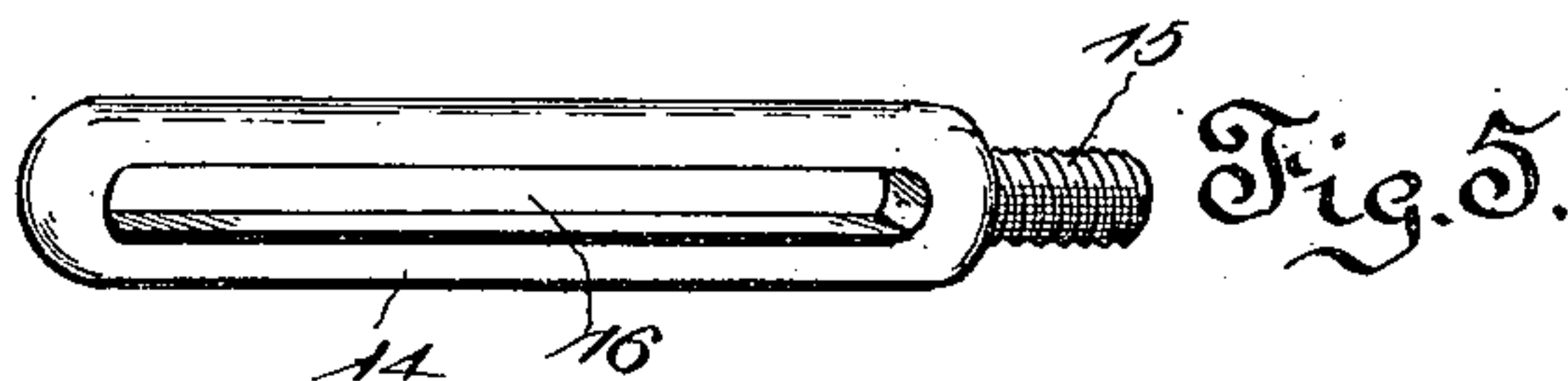


Fig. 5.

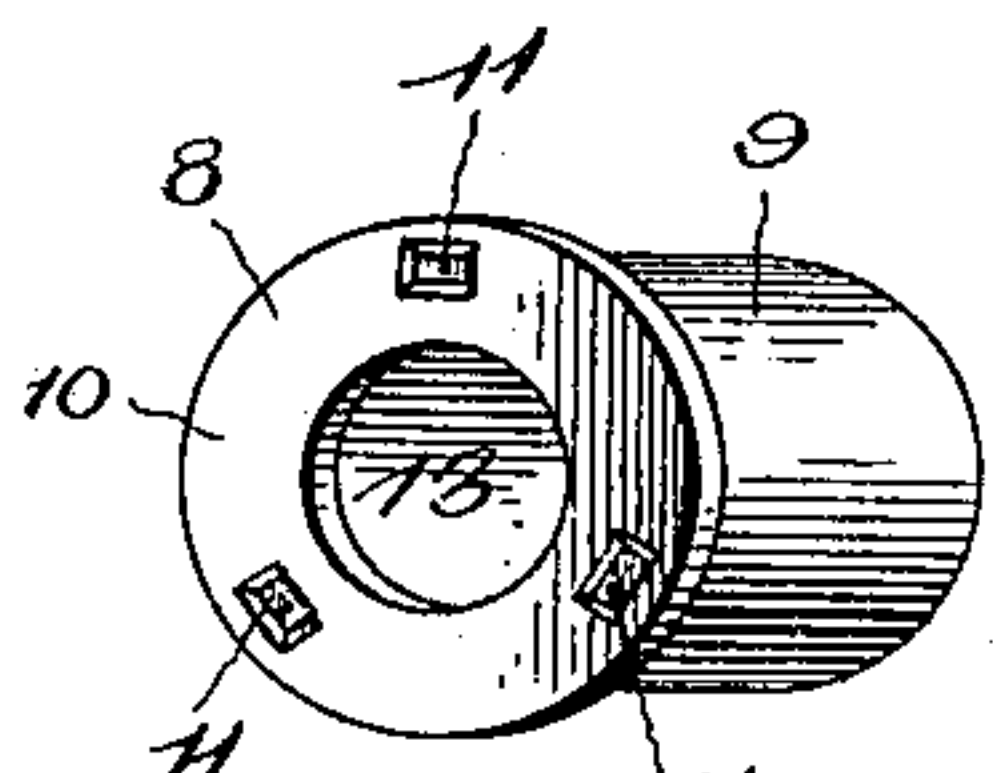


Fig. 6.

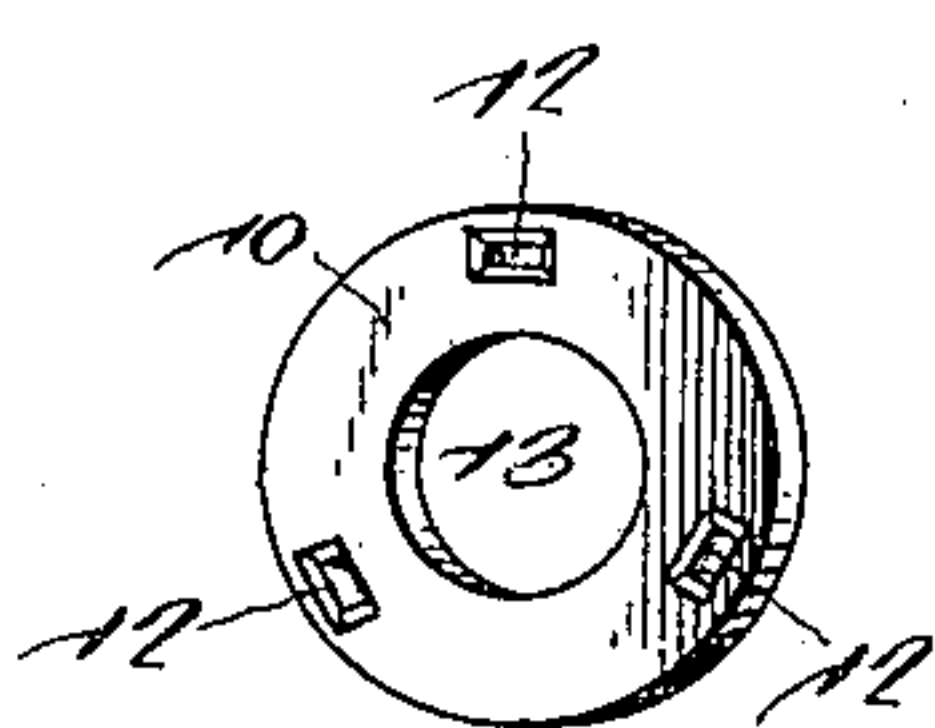


Fig. 7.

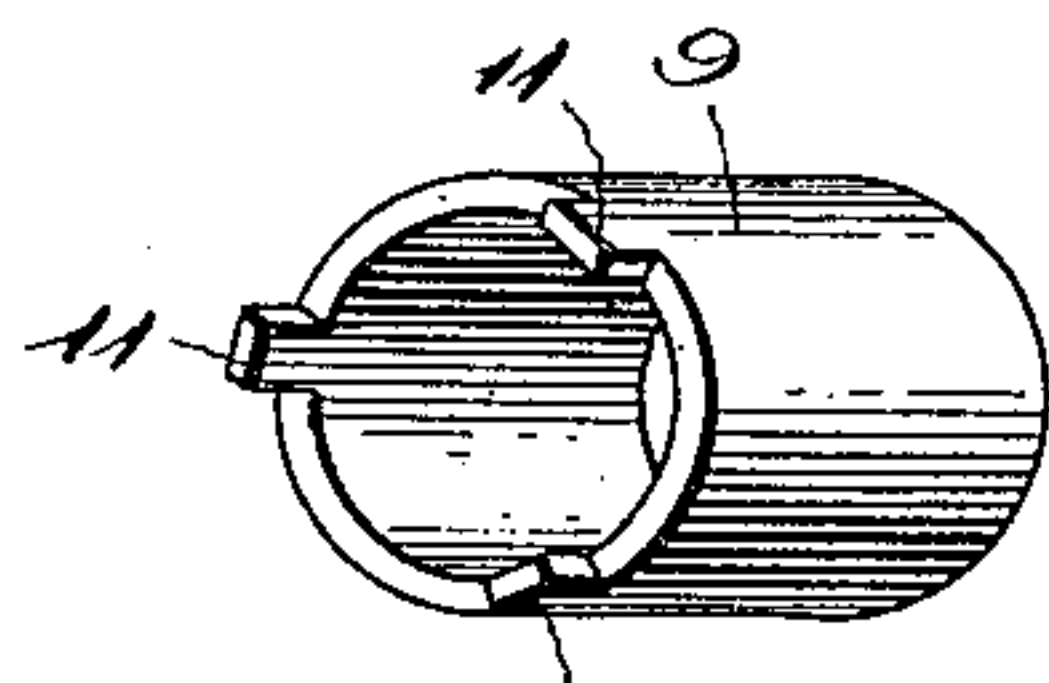


Fig. 8.

Witnesses

J. H. Piley

By his

William B. Prouty, Inventor.

Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLIAM B. PROUTY, OF RIDGWAY, PENNSYLVANIA.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 617,769, dated January 17, 1899.

Application filed September 22, 1898. Serial No. 691,636. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. PROUTY, a citizen of the United States, residing at Ridgway, in the county of Elk and State of Pennsylvania, have invented a new and useful Saw-Handle, of which the following is a specification.

The invention relates to improvements in saw-handles.

10 The object of the present invention is to improve the construction of saw-handles and to provide a simple, inexpensive, and efficient one possessing great strength and durability and adapted to be readily adjusted to attach
15 it to saws of different widths.

The invention consists in the construction and novel combination and arrangement of parts, as hereinafter fully described, illustrated in the accompanying drawings, and
20 pointed out in the claim hereto appended.

In the drawings, Figure 1 is a longitudinal sectional view of a saw-handle constructed in accordance with this invention and shown applied to a saw-blade. Fig. 2 is a longitudinal sectional view taken at right angles to Fig. 1. Fig. 3 is a detail perspective view of the handle. Fig. 4 is a similar view of the nut. Fig. 5 is a detail perspective view of the adjustable yoke-bar. Figs. 6, 7, and 8
25 are detail views of the cap.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a wooden saw-handle, having
35 its inner end 2 reduced and provided with a socket 3, in which is arranged a nut 4, fitting against the inner end of the socket and terminating short of the outer end. The socket is round and the nut is cylindrical to conform
40 to the configuration of the same, and in order to hold it rigid with the handle it is provided with longitudinal wings or flanges 5, arranged in slots 6 of the said handle. The slots 6, which are located at opposite sides of the socket, extend to the outer end thereof,
45 and the wings or flanges 5, which are formed integral with the nut, project beyond the outer end thereof and extend to the end of the handle and fit against a metallic cap 8.

50 The metallic cap 8, which is composed, pref-

erably, of a ferrule 9 and a plate 10, is fitted on the reduced end 2 of the handle, and by extending the wings or flanges 5 to the end of the cap the nut is firmly secured to the handle and held against longitudinal movement. 55 The ferrule 9, which is preferably constructed of tubular metal, is provided at its outer end with lugs 11, and the disk or plate 10, which forms the end of the cap, is provided with apertures 12 for the reception of the lugs, which
60 are riveted to the disk or plate. The cap is provided with a central opening 13, formed in the disk or plate 10 and receiving an adjustable yoke-bar 14, which is provided with a threaded shank 15 for engaging the nut. The
65 yoke-bar 14 is provided with a longitudinal opening 16 for the reception of a saw-blade 17, which bears against the outer end wall of the opening 16 and the cap 8, and by rotating the handle it will be apparent that the saw
70 is firmly clamped thereto. The nut terminates short of the outer end of the handle in order to provide sufficient space for the adjustment of the yoke-bar 14, and by drawing the latter inward through the opening of the
75 cap the exposed portion of the opening 16 is lessened and a reverse movement increases the length of the exposed portion of the opening 16. By this adjustment saw-blades of different widths may be clamped by the handle. 80

The invention has the following advantages: The saw-handle, which is exceedingly simple and inexpensive in construction, possesses great strength and durability and is capable of ready adjustment to receive and
85 clamp saw-blades of different widths. The manner of mounting the nut in the handle does not weaken the same and the slotted portions thereof are firmly supported by the catch, which extends beyond the inner ends
90 of the slots and the socket.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention. 95

What is claimed is—

A device of the class described comprising a handle provided with a socket and having slots 6, the nut 4 fitted in the socket and having flanges 5 arranged in the slots 6 and ex- 100

tended to the outer end of the socket, a yoke
engaging the nut, the cap 8, and the ferrule
9 having an interlocked connection with the
cap, said cap closing over the end of the
5 socket and fitting around the yoke, substan-
tially as described.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in
the presence of two witnesses.

W. B. PROUTY.

Witnesses:

JOHN H. SIGGERS,
ROBT. E. CRUMP.