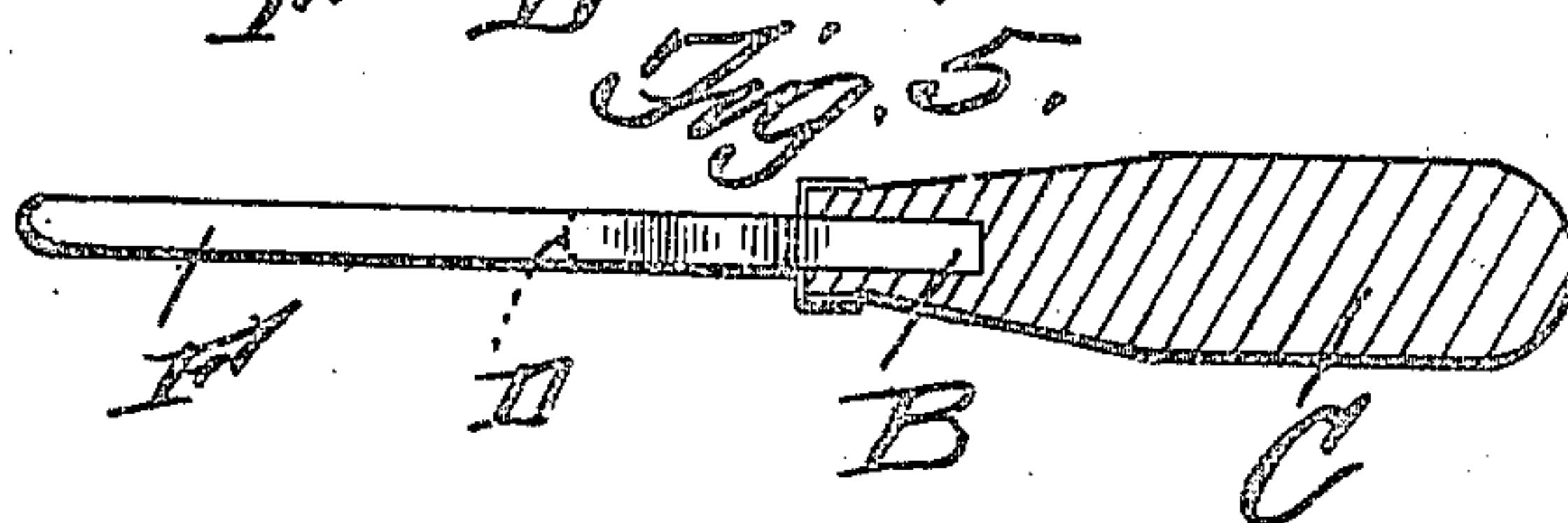
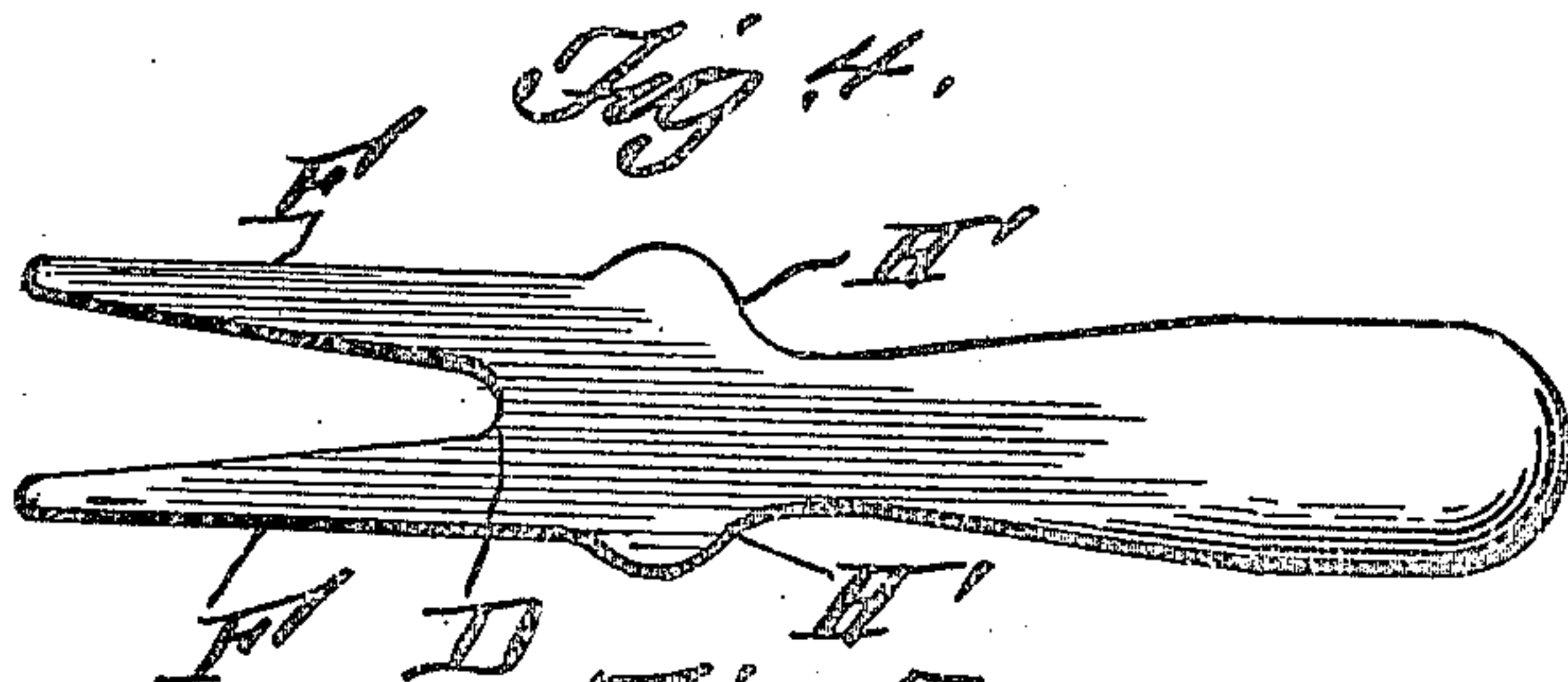
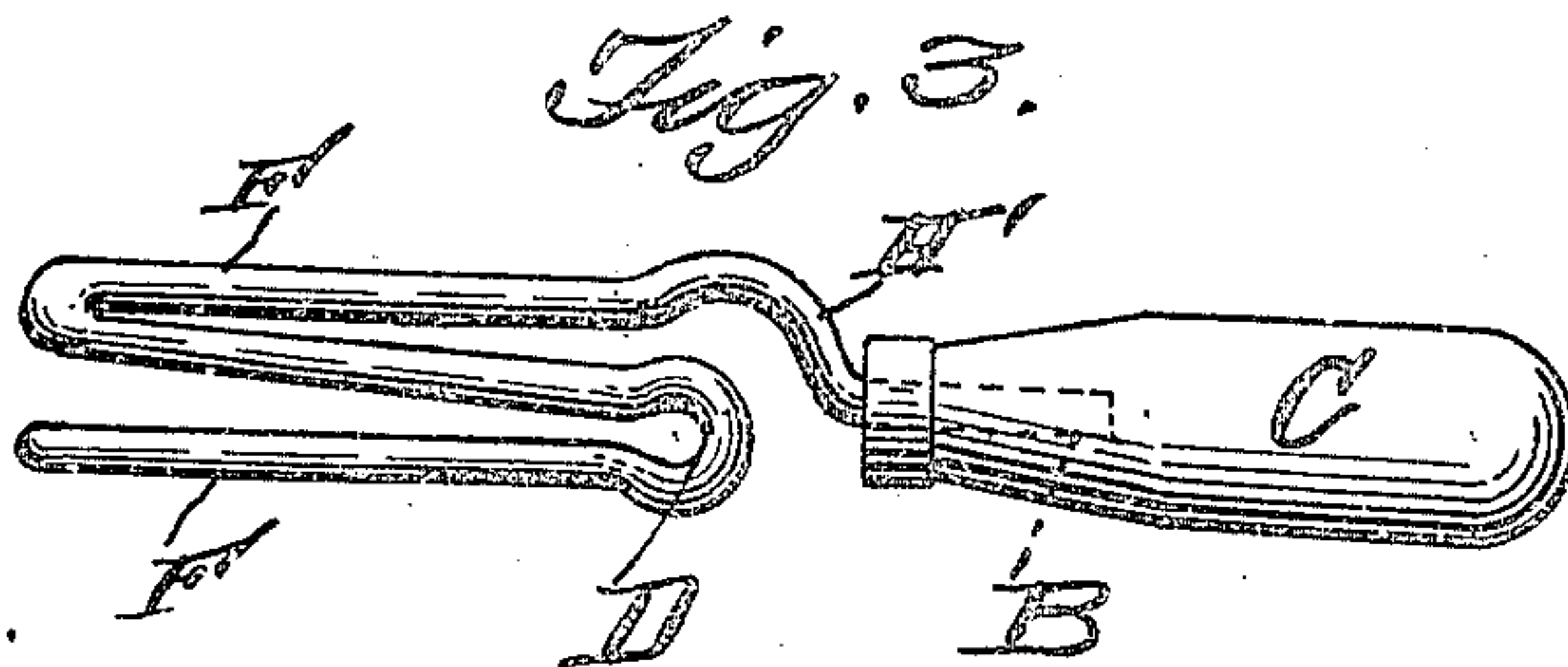
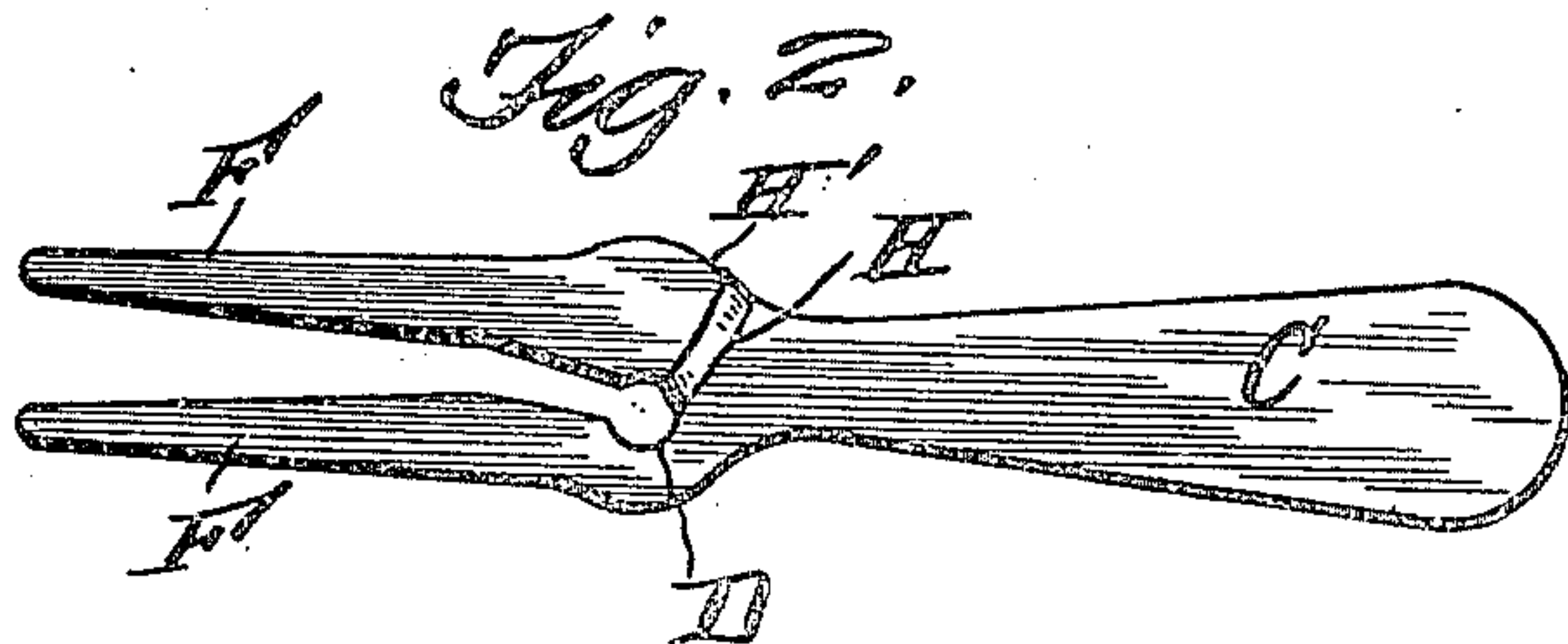
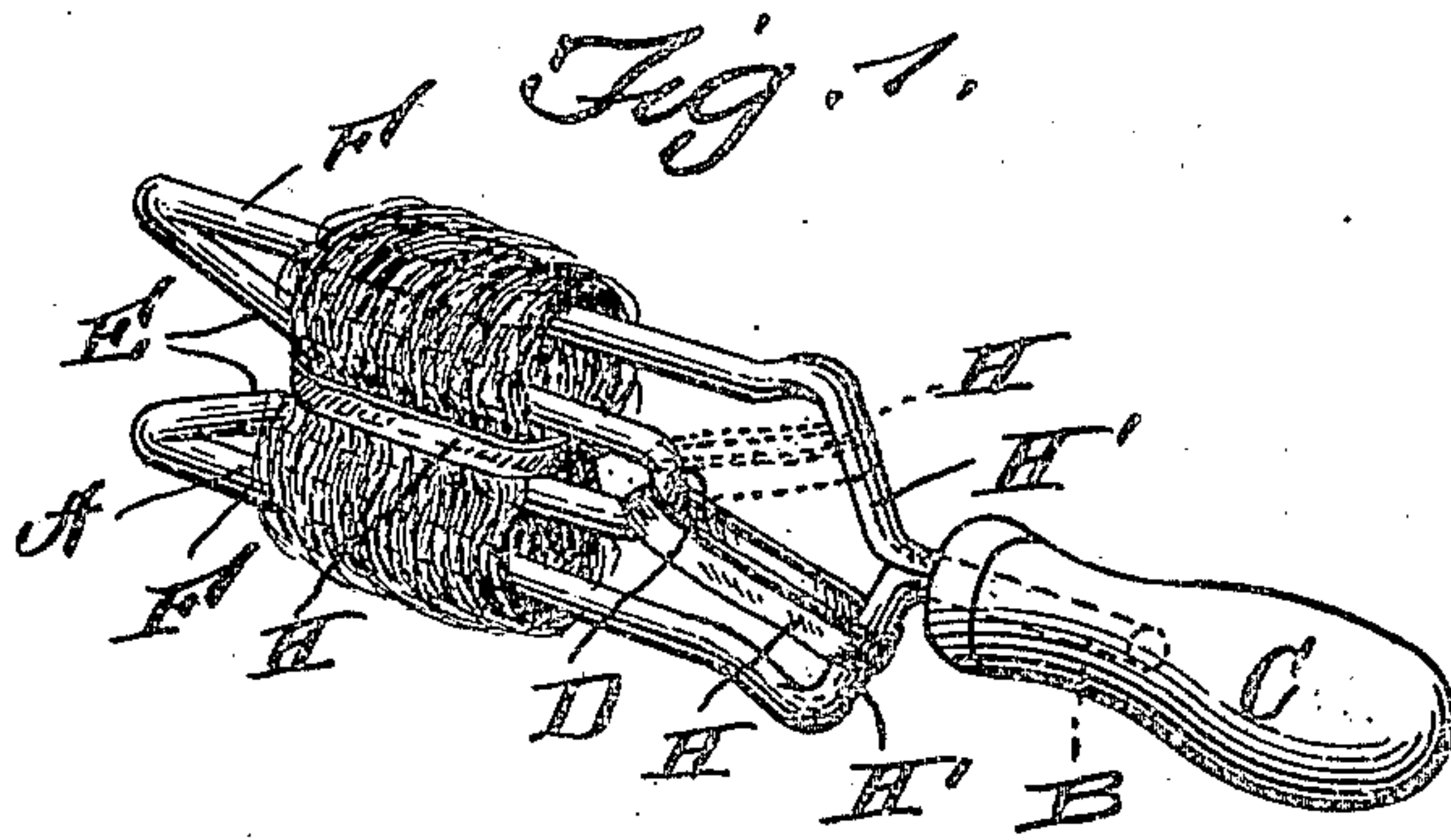


H. W. REYNOLDS.  
HAIR CURLING DEVICE.  
APPLICATION FILED JUNE 3, 1909.

952,138.

Patented Mar. 15, 1910.



Witnesses

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# UNITED STATES PATENT OFFICE.

HOWARD W. REYNOLDS, OF NEW YORK, N. Y.

## HAIR-CURLING DEVICE.

952,138.

Specification of Letters Patent. Patented Mar. 15, 1910.

Application filed June 3, 1909. Serial No. 499,999.

*To all whom it may concern:*

Be it known that I, HOWARD W. REYNOLDS, a citizen of the United States, residing at New York city, State of New York, have  
5 invented certain new and useful Improvements in Hair-Curling Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art  
10 to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

15 This invention relates to new and useful improvements in hair curlers and comprises a simple and efficient device of this nature having various details of construction, combinations and arrangements of parts which  
20 will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a side elevation of a hair curler  
25 embodying features of my invention and showing the rubber bands as applied thereto for holding the hair when curled. Fig. 2 is a modification of my invention in which the curler is made of a single piece of flanged  
30 metal, Figs. 3 and 4 are detailed views of modifications of the invention and Fig. 5 is a central longitudinal sectional view through the handle of the device, showing in edge elevation the forked end thereof.

35 Reference now being had to the details of the drawings by letter, A designates the curler, made preferably of a single piece of wire and bent upon itself, the shank portions B engaging a handle C. Said wire is  
40 bent at its longitudinal center to form a loop D and having parallel portions substantially half the length of the loop, so as to guide the band centrally on the roll of hair. Said wire has its outer marginal edges inclined  
45 slightly, and merging into flaring shoulders E, thence bent to form two straight portions F which are at right angles to the end of said loop D. H, H designate rubber bands which are caught in said loop and extend  
50 over the flat portions H' in the manner shown in Fig. 1 of the drawings in readiness for use in fastening the hair after it has been curled.

55 In operation, the hair is dampened, combed out and divided into medium sized

strands. The curler is then placed next to the head and the strand of hair and with the other hand wrapped about the body portion of the curler until it is full. Then with the thumb and finger of the hand holding  
60 the curler, the roll may be held while with the free hand, the rubber band is grasped at the shoulder and moved around over the rolled hair and releasing the band between the fingers or prongs of curler. This being  
65 done, the curler may be withdrawn and a new band placed thereon in the manner shown in Fig. 1 of the drawings, after which the operation may be repeated.

In Figs. 2, 3 and 4 of the drawings, I  
70 have shown slight modifications of my invention, but in each the same principle is embodied, consisting of the forming of means for holding the rubber over a portion  
75 of the curler which is at right angles to the inner end of the loop portion and in such a manner, that, when the hair is in readiness to be held by the rubber, the latter may be stretched and drawn over the end of the  
80 curler and made to engage the hair about the roll thereof, the outer sloping edges of the device allowing it to be freely withdrawn.

What I claim to be new is:—

1. A hair curler having a slot in the end  
85 thereof, the inner marginal edges of which slot are parallel a portion of their lengths, the outer marginal edges of the curler being inclined and terminating at their inner ends  
90 in portions which are at right angles to the inner end of the slot, and a rubber band adapted to be positioned intermediate said parallel portions and to engage about the coil of hair.

2. A hair curler made of a single piece of  
95 wire which is bent to form a loop with parallel portions a portion of its length, said wire being bent to form inclined portions terminating at their inner ends in shoulders,  
100 said wire having flattened portions intermediate said shoulders and the shank of the curler, and bands engaging said loop and passing about said flattened portions.

In testimony whereof I hereunto affix my  
signature in the presence of two witnesses. 105

HOWARD W. REYNOLDS.

Witnesses:

WILLIAM H. LUSK,  
K. E. REYNOLDS.