

No. 640,080.

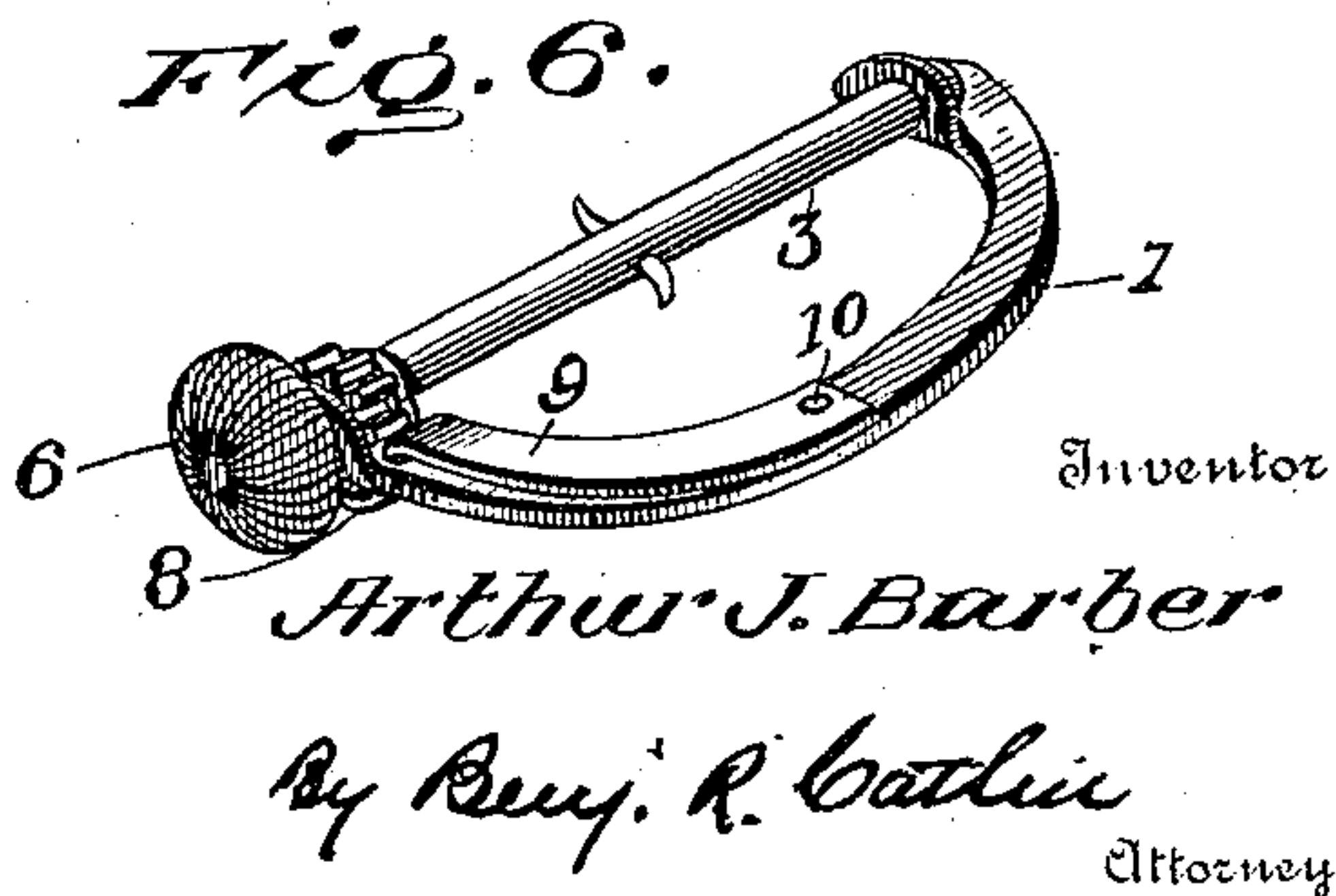
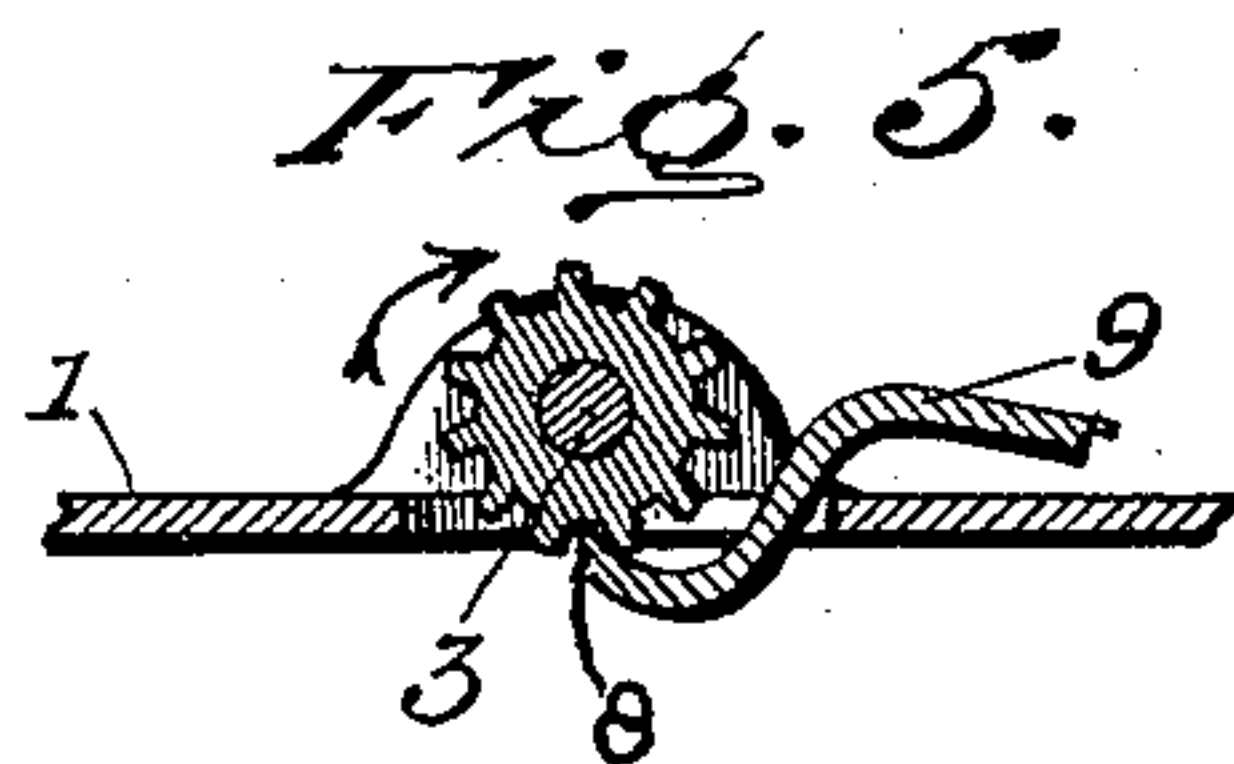
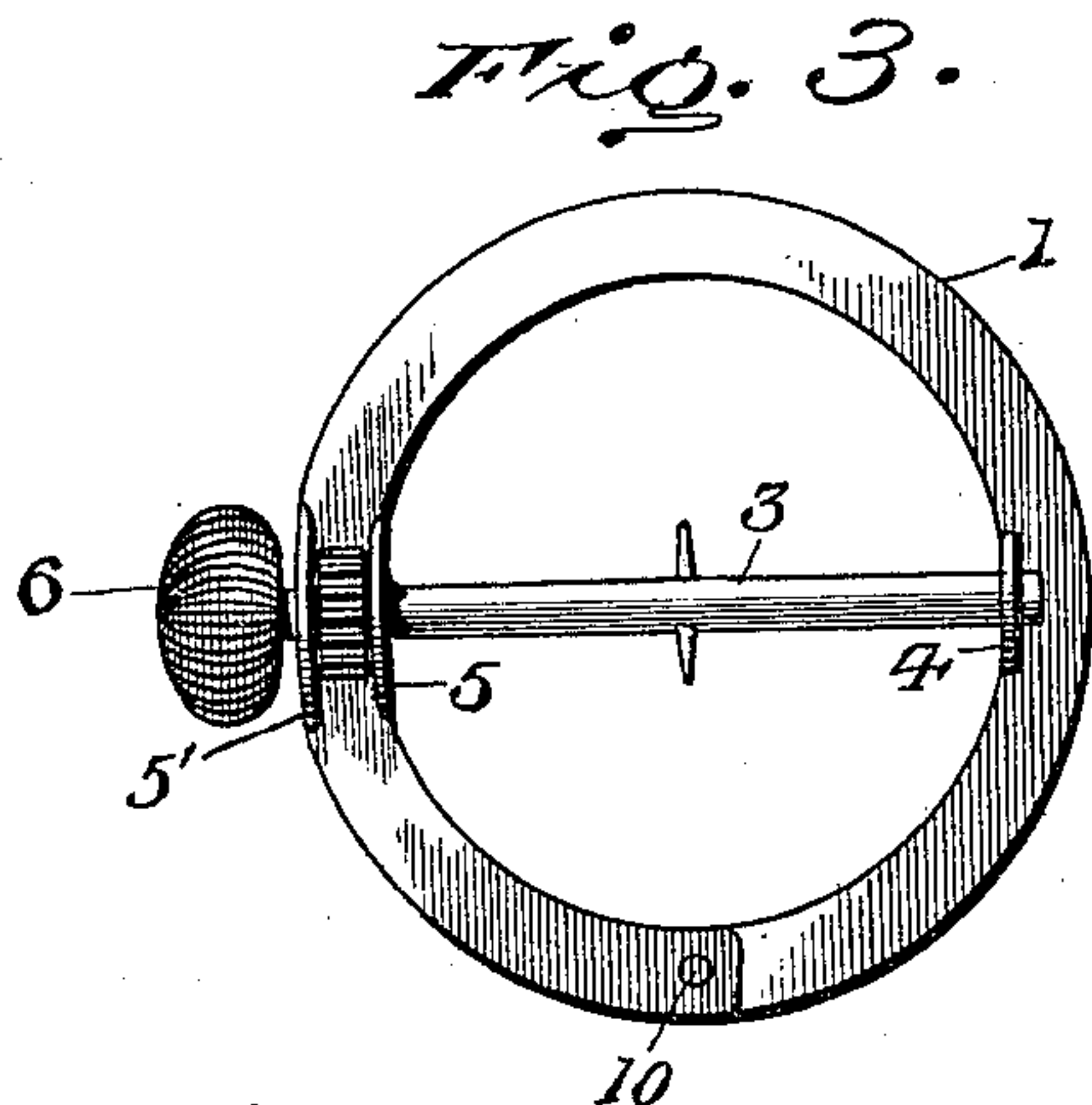
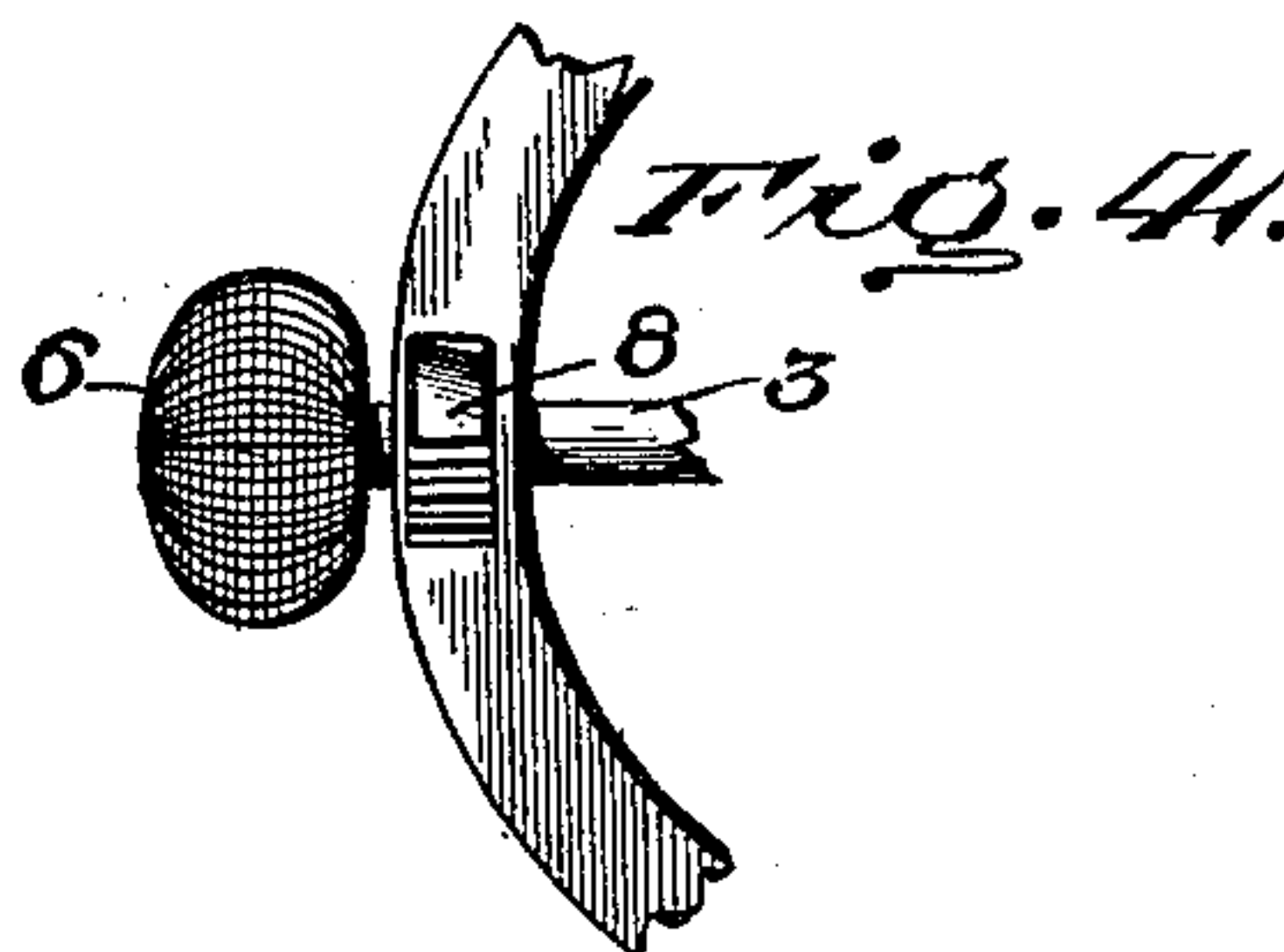
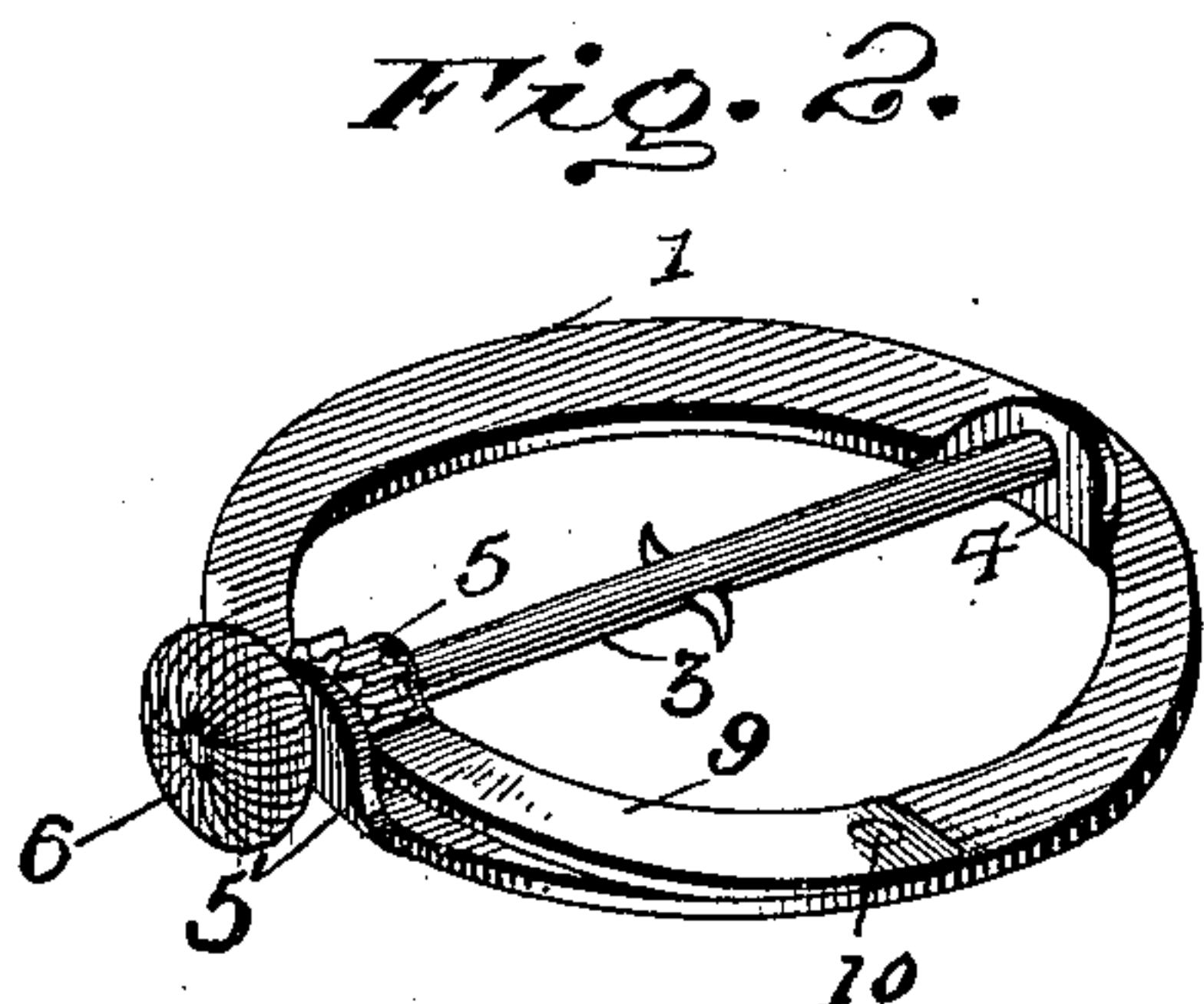
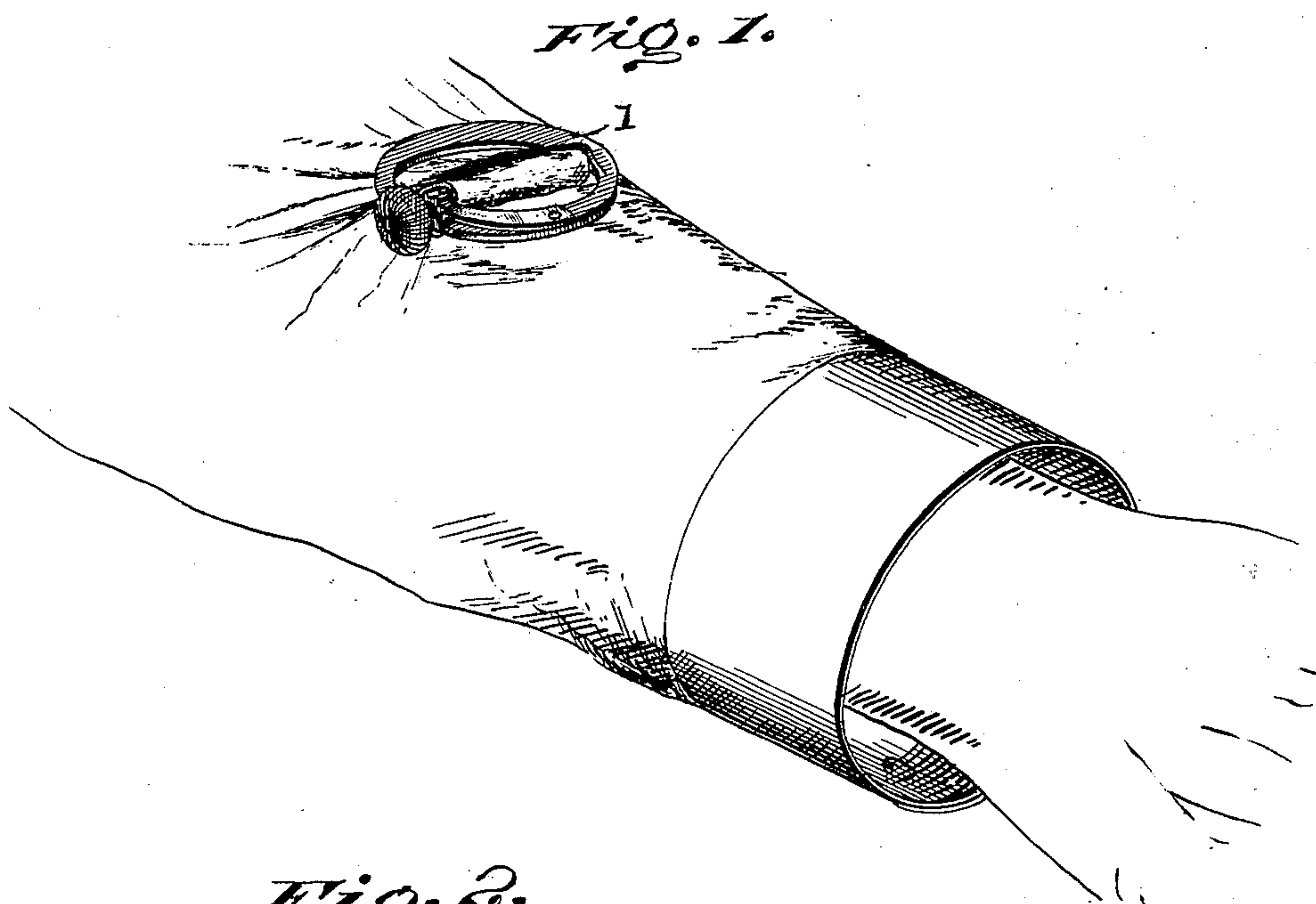
Patented Dec. 26, 1899.

A. J. BARBER.

DEVICE FOR HOLDING SHIRT SLEEVES OR OTHER LIKE PURPOSES.

(Application filed Oct. 4, 1899.)

(No Model.)



Witnesses  
*J. W. Gould.*



# UNITED STATES PATENT OFFICE.

ARTHUR J. BARBER, OF SODUS, NEW YORK, ASSIGNOR TO HERMAN C. FORD  
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DEVICE FOR HOLDING SHIRT-SLEEVES OR OTHER LIKE PURPOSES.

SPECIFICATION forming part of Letters Patent No. 640,080, dated December 26, 1899.

Application filed October 4, 1899. Serial No. 732,524. (No model.)

*To all whom it may concern:*

Be it known that I, ARTHUR J. BARBER, a resident of Sodus, in the county of Wayne and State of New York, have invented certain  
5 new and useful Improvements in Devices for Holding Shirt-Sleeves or other Like Purposes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled  
10 in the art to which it pertains to make and use the same.

The invention relates to devices for folding or longitudinally contracting and holding sleeves and for like purposes, and has for its  
15 object to increase the efficiency of such devices.

The invention consists in the construction hereinafter described and pointed out.

In the accompanying drawings, Figure 1 is  
20 a perspective showing the improved device applied to a sleeve. Fig. 2 is a similar view enlarged, the device being shown detached. Fig. 3 is a plan. Fig. 4 is an enlarged partial plan of the under side of the device. Fig. 5  
25 is an enlarged partial section. Fig. 6 is a perspective of a modified form.

Numeral 1 denotes a frame, which may be circular, as shown in Fig. 1, or oblong, as in Fig. 6.

30 3 denotes a rotatable shaft extending lengthwise the frame and supported in suitable bearings 4, 5, and 5'. In the present instance the several bearings are formed in flanges integral with the frame. The flange 4 and the  
35 flange 5 are situated, in the particular form shown, on the interior edge of the frame, and the flange 5' adjacent flange 5, but on an opposite edge of the frame.

6 denotes a milled head for rotating the  
40 shaft.

7 is a ratchet-wheel fixed on the shaft and situated between flanges 5 and 5'. A retaining-pawl is indicated by 8, and 9 denotes a pawl-holding spring. The spring 9 is fixed  
45 to the frame at 10 and is preferably integral with the pawl, which in the form preferred extends through the frame and engages the ratchet on the side of the frame opposite that which carries the spring. The spring nor-  
50 mally holding the pawl engaged with the

ratchet can be depressed upon the frame to release the pawl, whereupon the shaft can be freely turned backward. It will be understood that the spring readily yields when the  
55 ratchet-wheel is turned in the direction of the arrow and that the office of the pawl is to prevent the wheel and shaft being turned in the opposite direction except when the spring is purposely overcome and the pawl released, as stated. 60

10 denotes short pins fixed to the shaft. These are preferably two in number and situated at about the longitudinal center of the shaft.

In operation the device is placed upon an  
65 article—a shirt-sleeve on the person, for example—in such manner that the pins, one or more, may engage the fabric. Upon turning the shaft in the direction of the arrow the pins pick up the loose material and wind a  
70 portion of it about the shaft, and thus draw up or contract the sleeve lengthwise thereof.

To render short pins operative for the purpose named and for convenience in manufacture and application, the shaft is situated at  
75 one side of the frame, as shown, so that it can be placed directly on the material to be wound thereon. This, however, is obviously not essential. Neither is the particular form of the spring or pawl or milled head or shaft bear-  
80 ings or frame.

In some cases an oblong frame may be used, thereby reducing its dimensions transverse to the length of the shaft. The disadvantage of such a modification is that the leverage of  
85 the frame whereby its rotation is prevented when the shaft is turned is diminished.

In some cases the frame may consist of a single bent bar, as indicated in Fig. 6. In such construction the frame-bar should be on  
90 the side of the shaft toward which the frame tips when the fabric is wound up on the shaft.

To remove the device, it is only necessary to compress the spring and lift it off or away from the article to which it was applied, the  
95 shaft ordinarily requiring no manipulation for the purpose.

The device is easily applied, is not liable to be displaced, will not engage an outer sleeve, as of a coat, when put on or removed, 100



will not wear or tear either the sleeve to which it is applied or an inclosing sleeve, and is easily removed.

Having described my invention, I claim—

5 1. In a sleeve-holder, a frame, a shaft mounted in the frame and capable of free revolution in one direction, and means on the shaft to engage the sleeve and hold it while being wound about the shaft in the revolution of the latter.

10 2. A sleeve-holder comprising a frame, a shaft mounted thereon and capable of free revolution in one direction, means for securing the shaft against revolution in the opposite direction, and means on the shaft to engage the sleeve and hold it while being wound about the shaft.

15 3. In a device for gathering and holding a fabric, a frame, a shaft mounted thereon and capable of free revolution in one direction, pins projecting from the shaft, and means for locking the shaft against movement in a reverse direction, said means being adapted to be rendered inoperative when desired, whereby the device when in use may be detached by a simple pull.

20 4. In a device for gathering and holding a fabric, the frame having integral flanges provided with bearings, the shaft supported to turn in said bearings and provided with a ratchet, and a spring retaining-pawl, said spring being adapted to be compressed by the fingers to release the pawl and permit the shaft to be rotated by lifting the device from the fabric.

25 5. A sleeve-holder comprising a frame, a

shaft mounted thereon, means on the shaft to engage and hold the sleeve, a ratchet on the shaft, and a spring-pressed pawl to engage the ratchet and prevent movement of the shaft in one direction.

30 6. A sleeve-holder comprising a frame, a shaft mounted thereon, means on the shaft to engage and hold the sleeve, a ratchet on the shaft, and a spring-pawl to engage the ratchet and normally prevent movement of the shaft in one direction, said spring being adapted to be compressed to release the pawl, whereby the holder may be disengaged from the fabric by a pull.

35 7. A sleeve-holder comprising a circular frame, a shaft mounted in the frame and above its plane, pins oppositely projecting from the shaft intermediate its bearings, a ratchet secured to the shaft, and a spring member secured to the frame at one end, its free end passing through the frame and engaging the ratchet from below to prevent the movement of the shaft in one direction, said spring member lying normally above the frame for a portion of its length, whereby pressing the spring member down onto the frame will release the ratchet, as and for the purposes stated.

40 In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ARTHUR J. BARBER.

Witnesses:

P. J. BURLEE,  
I. M. BURLEE.