

No. 635,249.

Patented Oct. 17, 1899.

F. B. HAY.

PIN.

(Application filed July 10, 1899.)

(No Model.)

Fig. 1.

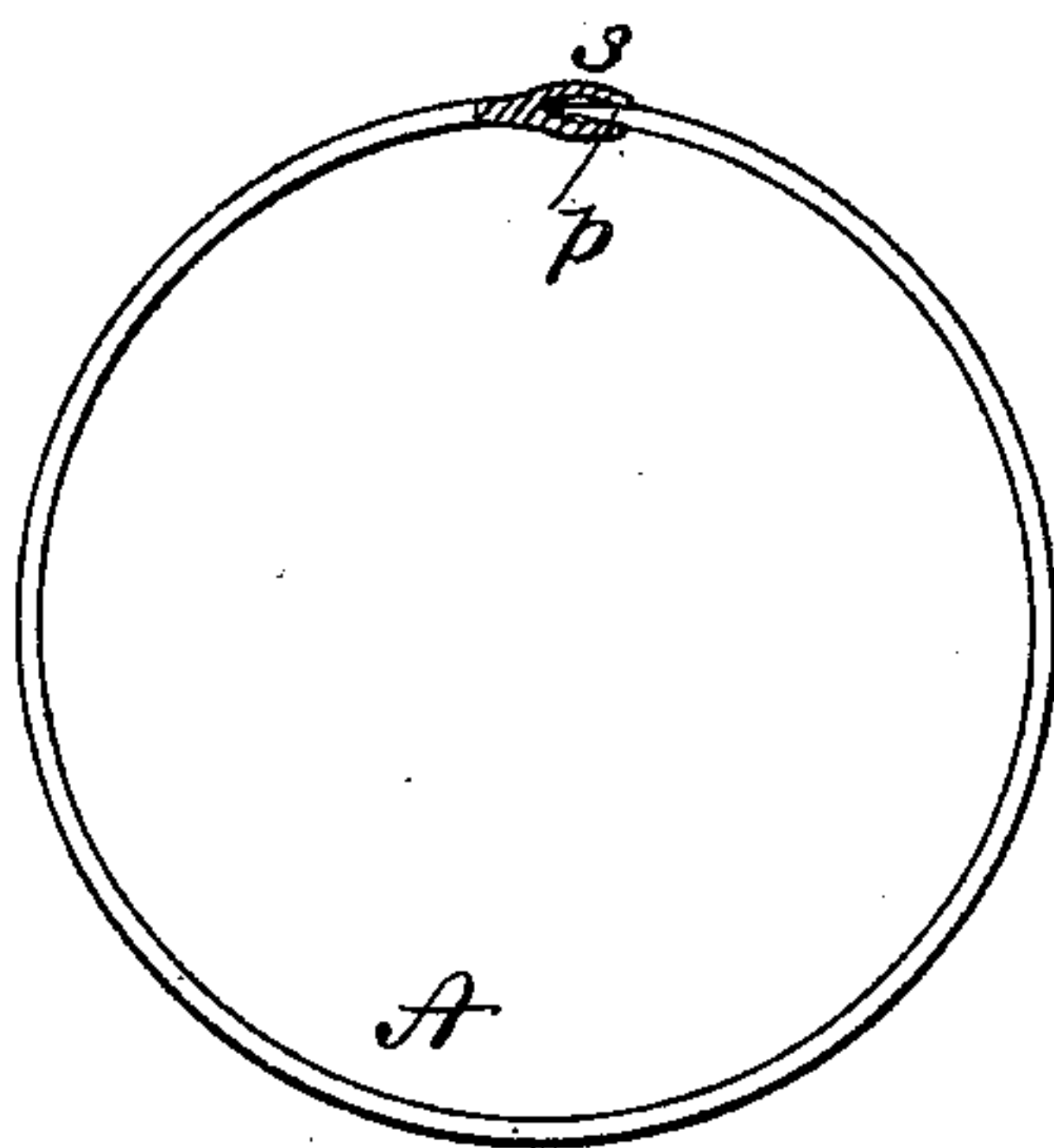


Fig. 2.

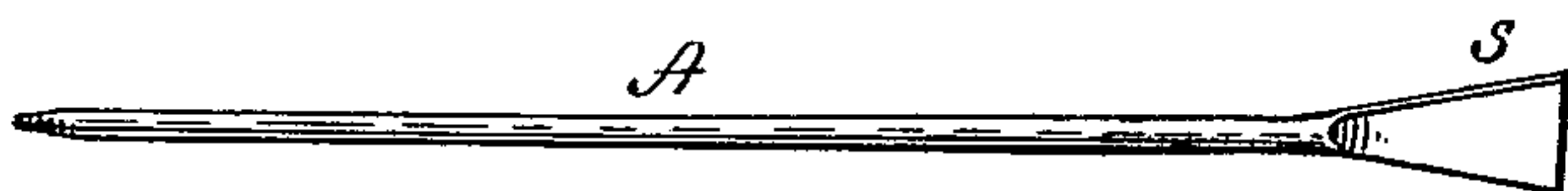
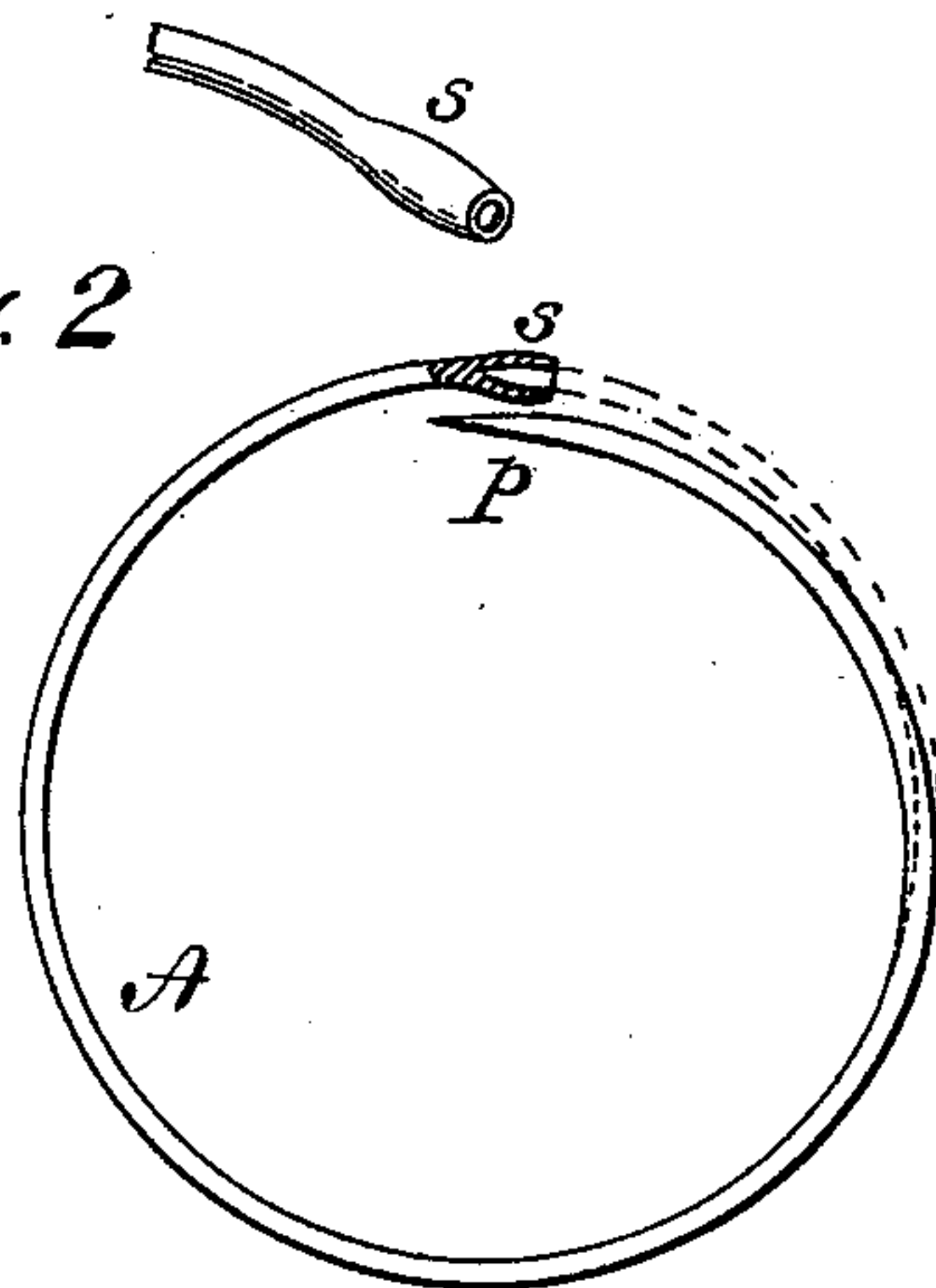


Fig. 3.

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FLORENCE B. HAY, OF WASHINGTON, DISTRICT OF COLUMBIA.

PIN.

SPECIFICATION forming part of Letters Patent No. 635,249, dated October 17, 1899.

Application filed July 10, 1899. Serial No. 723,347. (No model.)

To all whom it may concern:

Be it known that I, FLORENCE B. HAY, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Pins, of which the following is a specification.

The object of my said invention is to provide a pin of a very inexpensive construction which will combine the advantages of the ordinary pin and a safety-pin in that it is capable of use for substantially its entire length, while at the same time its point is perfectly incased and secured, all as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings, which are made a part hereof and on which similar letters of reference indicate similar parts, Figure 1 is a view, on a magnified scale, of one of my improved pins as when in use. Fig. 2 is a similar view showing the point free to be inserted in the work, and Fig. 3 a view of the blank from which the pin is made.

The body A of the pin is of much the same form as the ordinary pin, having a point *p* on one end and a bulb-shaped head having a socket *s* on its opposite end. It is formed of metal having some elasticity or spring force and bent into a circular or oval shape, with the two ends normally overlapping, as shown in Fig. 2. The socket *s* is preferably formed by having the blank rolled with a flat end, as shown in Fig. 3, which is then rolled up to form said socket, which also serves as a head for the pin. By reason of the bulb shape of said head the joint between the two parts is made almost perfectly smooth, leaving no shoulder or corner to catch in the articles with which it is engaged, thus permitting said pin to be freely turned in the work.

It will be seen that such a pin can be inserted into any kind of work where an ordinary pin might be used and its point then in-

serted in the socket by drawing it back until it will pass into said socket, where it will be held by the spring force in the metal. The point is thus removed from possible contact with parts which it might scratch, and all danger of damage or injury therefrom is removed. It can be used with safety for fastening clothing and can be made so small and light that it can be worn with much more convenience than the common safety-pin. As a fastening for dress-shields and other portions of clothing which require to be secured only temporarily and must not have cumbersome or rigid or pointed fastenings it will fill a need not supplied by either form of pin heretofore in use. It can be conveniently used as a fastening for eye-buttons, as vest-buttons, and, indeed, this is one of the uses for which the invention is particularly designed; also, in novelty jewelry articles.

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

A pin formed of a single bar of spring metal with a smooth exterior, one end being formed with a sharp point of long smooth taper, whereby it is adapted to pierce fabric or similar material, and the other end being formed with a head containing a socket with tapered sides, whereby it is adapted to receive said tapered point to retain and protect the same, the exterior of said head being tapered to the surface of the bar, and said bar being bent into circular form with its ends normally overlapping, substantially as described and for the purposes specified.

In witness whereof I have hereunto set my hand and seal, at Washington, District of Columbia, this 26th day of June, A. D. 1899.

FLORENCE B. HAY. [L. S.]

Witnesses:

JULIA F. HAY,
E. B. HAY.