

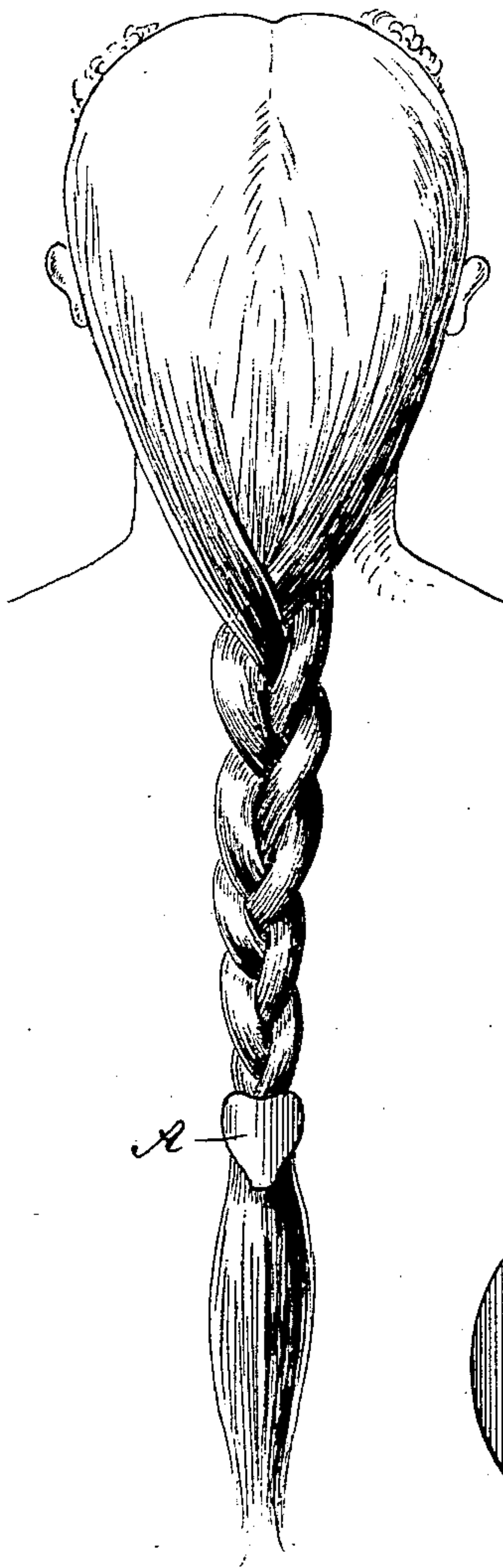
(No Model.)

C. C. DAVIS.  
HAIR TIE BUTTON.

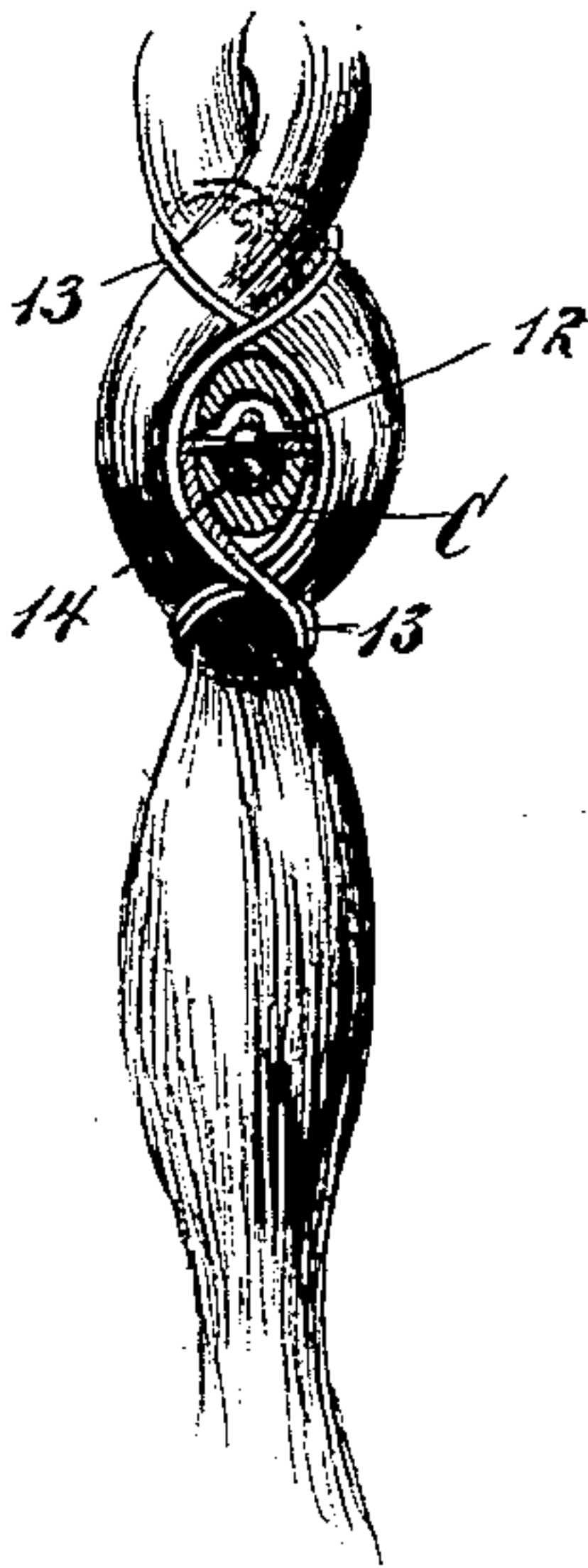
No. 602,699.

Patented Apr. 19, 1898.

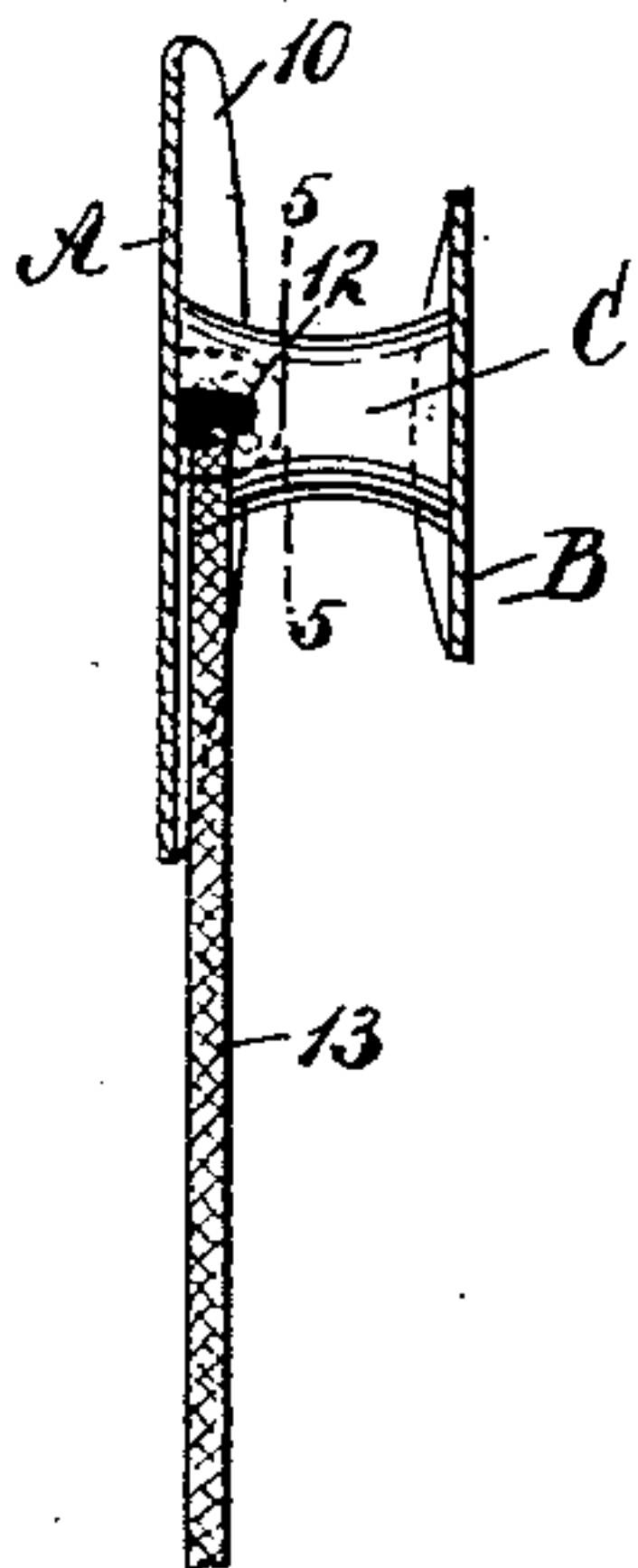
*Fig. 1.*



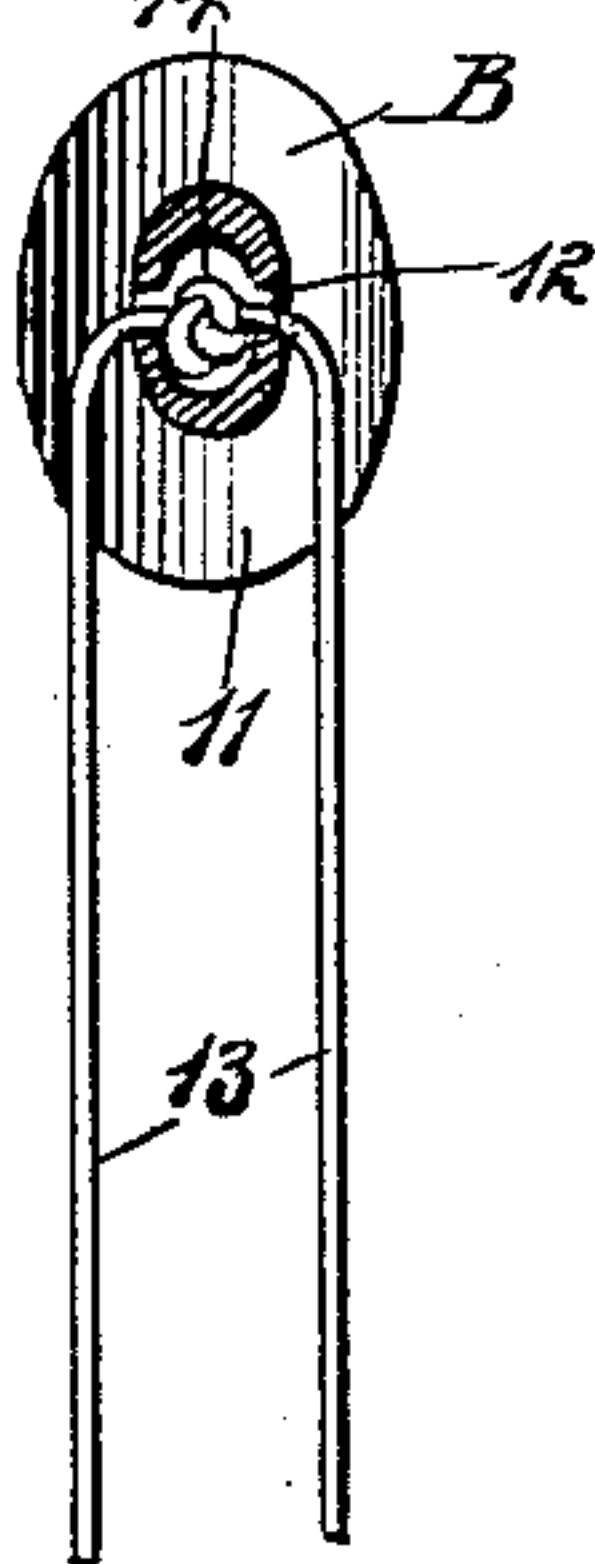
*Fig. 2.*



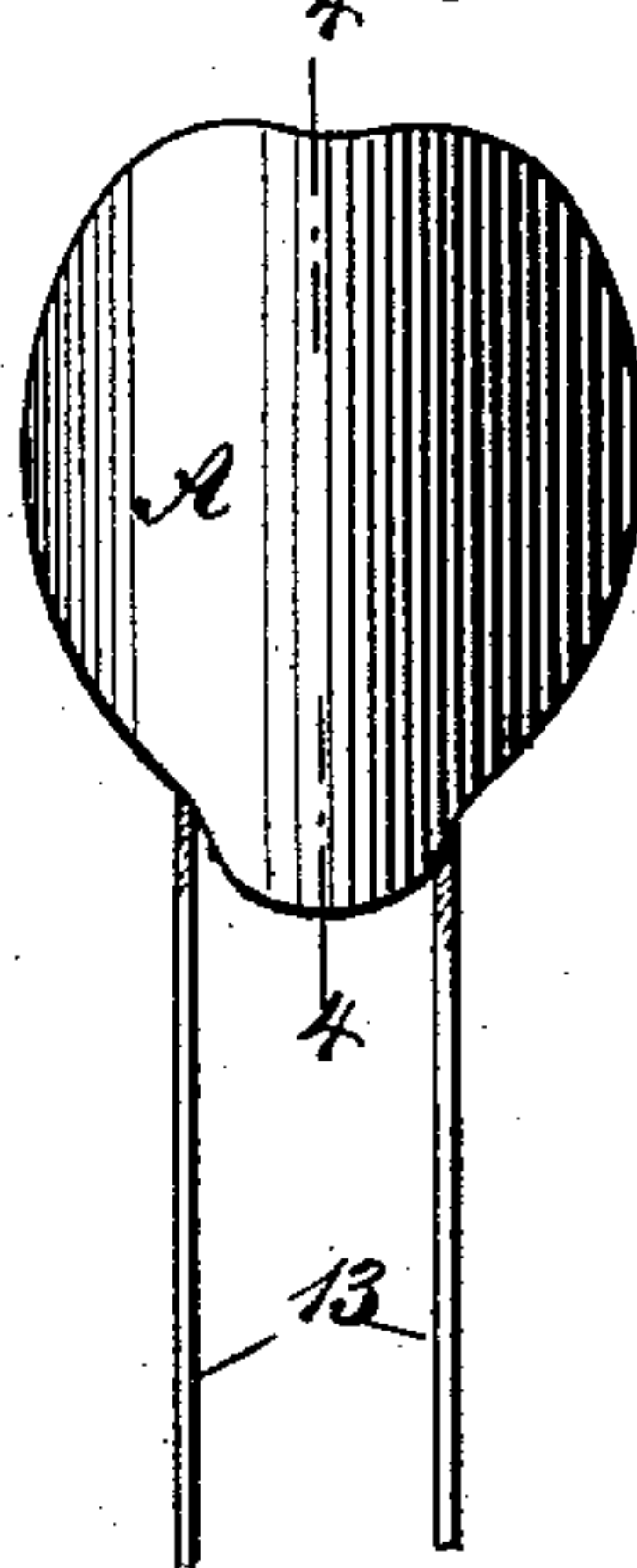
*Fig. 4.*



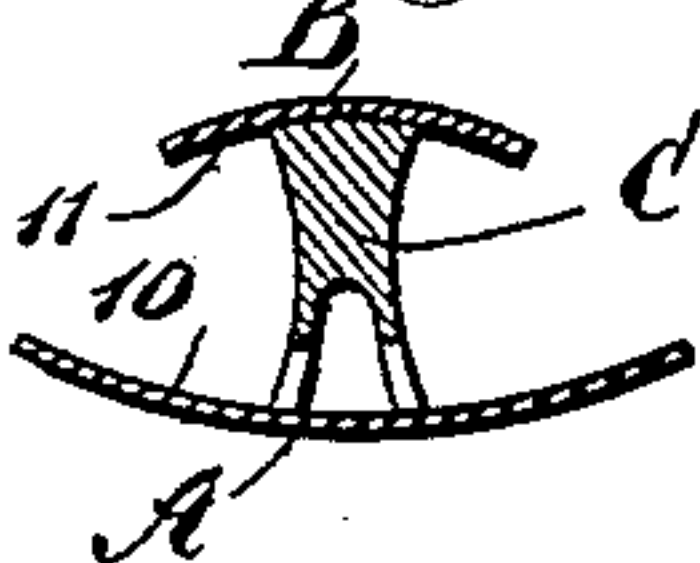
*Fig. 5.*



*Fig. 3.*



*Fig. 6.*



*Fig. 7.*



WITNESSES:  
*Paul J. ...*  
*...*

INVENTOR  
*C. C. Davis.*  
BY *Mum...*  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

CHRISTOPHER C. DAVIS, OF NAPANOCH, NEW YORK.

## HAIR-TIE BUTTON.

SPECIFICATION forming part of Letters Patent No. 602,699, dated April 19, 1898.

Application filed January 24, 1898. Serial No. 667,787. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTOPHER C. DAVIS, of Napanoch, in the county of Ulster and State of New York, have invented a new and Improved Hair-Tie Button, of which the following is a full, clear, and exact description.

The object of the invention is to provide a device of an ornamental character especially adapted for application to braided hair, aiding to prevent the hair from becoming unbraided and facilitating the application of a pliable fastening to the braided hair to accomplish such a result, the novel device also serving to conceal the pliable fastening when in position.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a back view of a miss's head with braided hair, illustrating the application of the improvement thereto. Fig. 2 is an enlarged view of the lower end of the braid of hair, showing the application of the device, said device being in transverse section at the shank. Fig. 3 is a front elevation of the device. Fig. 4 is a vertical section through the device, taken substantially on the line 4 4 of Fig. 3, the shank being in elevation. Fig. 5 is a vertical section taken substantially on the line 5 5 of Fig. 4. Fig. 6 is a section through the front and back plates or heads of the device and also through the shank; and Fig. 7 is a view of the cord, tape, or ribbon as used in connection with the device.

The device may be said to comprise three members—namely, a front plate or head A, which may be of any desired shape and ornamented as fancy may dictate, a back plate or head B, smaller than the front plate or head, and a shank C, which connects the front and back heads or plates. Preferably the inner face of the front plate or head A is concaved, as illustrated, as is likewise the opposing face of the back plate or head B. The shank C is preferably oval in cross-section, and in order that it may be as light as possible is also

made tubular, gradually widening from its center in direction of its ends, as shown in Figs. 4 and 6. The ends of the shank are soldered or otherwise secured to the heads or plates A and B, the concaved face of the front head or plate A being designated as 10 and the corresponding face of the back plate or head B being designated as 11.

The shank C is provided at one or at both ends with a recess 12, which extends through from side to side, and when but one recess is employed it is located at the end joined to the front plate or head A.

In connection with the device, which is somewhat in the nature of a button, a cord, tape, or ribbon 13 is used, the cord being either of elastic or of non-elastic material. The cord, tape, or ribbon 13 is provided with a knot or enlargement 14, preferably located about centrally between its ends, as is best shown in Fig. 7. Prior to securing the shank C to the front head or plate the tape, cord, or ribbon 13 is passed through the recess 12 and the knot 14 introduced into the hollow or chambered portion of the shank, so that the cord cannot be pulled through the shank when it has been secured to its heads.

In the application of the device the strands of braided hair are carried around the shank C, as shown in Fig. 2, the front head or plate A of the device being at the back of the braid of hair and the back plate or head B being at the front of the said braid. The ends of the cord, tape, or ribbon 13 are then carried in opposite directions around the shank and around the braid above and below the device, as is also shown in Fig. 2, and the ends of the cord, tape, or ribbon after they have been sufficiently wound around the braid and around the device to hold the two in secure contact are tied together in any suitable or approved manner, and the tie will be concealed by the front head or plate A, as shown in Fig. 1.

I desire it to be distinctly understood that instead of the cord, tape, or ribbon 13 being tied when the material is elastic a ring may be placed at one end and a hook at the other end of the tape, cord, or ribbon, so that the hook may be engaged with the ring after the cord has been properly carried around the braid and around the button.

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

1. A hair-tie button, comprising two opposing heads, a shank connecting the heads, the said shank being provided with a transverse opening and with a chamber communicating with the opening, and a tape, cord or rubber passing through said opening and having an enlargement larger than the opening and contained within the chamber of the shank, as set forth.

2. In a hair-tie button, the combination, with opposing heads having concaved opposing surfaces, and a shank connecting the concaved surfaces of the heads, the said shank being provided with a recess in its end close to the inner face of one of its heads, the shank

being also provided with an interior chamber communicating with the recess, of a tape, cord or ribbon provided with an enlargement at its center, the tape, cord or ribbon being passed through the said recess in the shank, the enlargement being contained within the chamber of the shank, whereby the tape, cord or ribbon cannot be withdrawn from the shank when the button is being applied, enabling the operator to readily manipulate the cord, tape or ribbon around the button and around the braid above and below the button, as set forth.

CHRISTOPHER C. DAVIS.

Witnesses:

CALVIN B. PRATT,  
FOSTER VERNOVY.