No. 649,848. Patented May 15, 1900.

W. J. KOENIG.

HAIR CLAMP.

(Application filed Aug. 29, 1899.)

(No Model.)

Fig. 1.

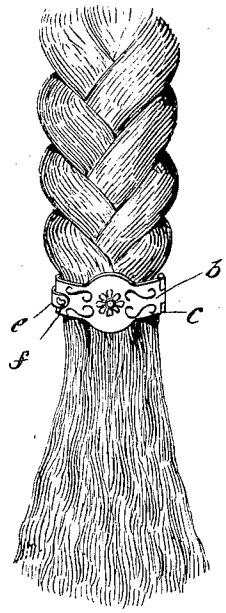


Fig. 2.

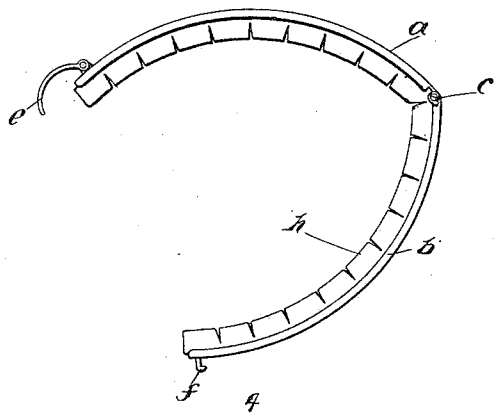


Fig. 4.

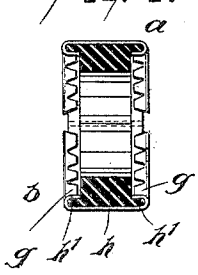


Fig. 5.

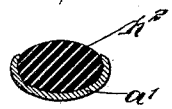
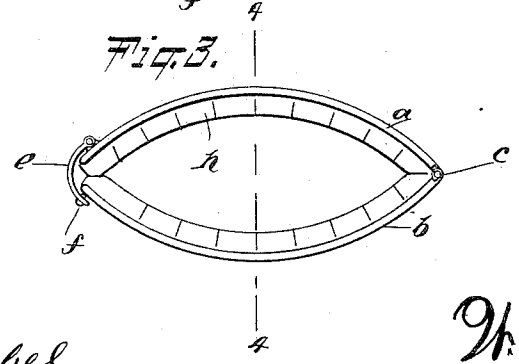


Fig. 3.



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HAIR-CLAMP.

SPECIFICATION forming part of Letters Patent No. 649,848, dated May 15, 1900.

Application filed August 29, 1899. Serial No. 728,909. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. KOENIG, of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Hair-Clamp, of which the following is a full, clear, and exact description.

The purpose of this invention is to provide a clamp which may be applied to braided hair so as to hold the hair and prevent the braid from coming undone, which end I attain by a clamp formed in two sections and provided with a rubber lining, which serves not only to engage and hold the hair, but also to form a spring tending to open the two sections of the clamp and, further, to prevent injury to the hair of the wearer.

This specification is the disclosure of two forms of my invention, while the claims define the actual scope thereof.

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 views.

Figure 1 is a view showing the invention in use. Fig. 2 is an enlarged side view showing the clamp open. Fig. 3 is a similar view, except that the clamp is shown closed. Fig. 4 is a section on the line 4 4 of Fig. 3, and Fig. 5 is a sectional view illustrating a modification.

Referring particularly to Figs. 2, 3, and 4, the clamp is formed with two sections *a* and *b*, connected to each other by a hinge *c*, and the section *a* is provided with a hinged link *e*, adapted to engage with a pin *f*, attached to the section *b*, so as to hold the two sections in the closed position. (Indicated in Fig. 3.) The sections *a* and *b* are preferably constructed of sheet metal and have their edges serrated, as shown best in Fig. 4, and bent outward and inward to form flanges *g*, which are clenched over the reduced ends *h'* of the rubber lining *h*. This rubber lining is in the form of a continuous strip extending from one section of the clamp to the other, so that its ends will engage each other at the free ends of the clamping-sections, and it is clear that the resiliency of the rubber will tend to throw the sections outward to the positions shown in Fig. 2. When the sections are moved into closed position, the rubber is compressed at the hinge *c* and at the free ends of the clamping-sections and is held in such condition by means of the link *e* engaging the pin *f*. The lining *h* is slit or scored transversely, as shown, to permit it to readily assume the curved disposition conforming with the curvature of the sections *a* and *b*. These scores in the lining *h* also serve to engage portions of the hair to more effectively hold the clamp in place. The rubber lining being soft will not crack and tear the hair, which would be the case were metal employed.

If desired, the sections of the clamp may be ornamented, as shown in Fig. 1, in which view the clamp-section *b* is shown as broadened in its center and provided with various scrolls and other ornamentations.

In Fig. 5 the clamp-section *a'* is shown approximately semi-ovate in cross section, and the rubber lining b^2 is held in the clamp-section, as indicated, the lining being ovate in cross-section. The essential construction and operation of the device are, however, the same as in the previously-described form of the invention.

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

1. A hair-clamp, comprising curved hinged sections, a resilient lining secured to and extending out from the inner face of each section throughout the length thereof and formed with transverse slits, and a locking device for the free ends of the sections, said device being so proportioned with respect to the linings that the latter will abut against and compress each other in the direction of their length to close the slits when the sections are locked, as set forth.

2. A hair-clamp, comprising hinged sections, a resilient lining secured to and extending out from the inner face of each section throughout the length thereof and formed with transverse slits, whereby when the sections are closed the linings at the hinge will abut and compress each other, and a locking device for the free ends of said sections, as set forth.

3. A hair-clamp, comprising two curved sections hinged together at one end, a releasable fastening device for holding the sections closed, and a resilient lining secured to the

inner face of each section, the combined thickness of the linings at the free ends of the sections being normally greater than the distance between such ends in closed position, whereby the linings will abut against and compress each other when the sections are closed and thereby serve as a spring tending to open the sections, as set forth.

4. A hair-clamp, comprising two curved sections hinged together at one end, a releasable fastening for holding said sections closed and a resilient lining secured to the inner faces of the sections and extending continuously from one section to the other across the hinge, whereby the linings will be compressed at the hinge when the sections are closed, as and for the purpose set forth.

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