

(No Model.)

D. Y. HALLOCK.

DEVICE FOR REMOVING FOREIGN BODIES FROM THE EYE.

No. 462,910.

Patented Nov. 10, 1891.

Fig. 1.

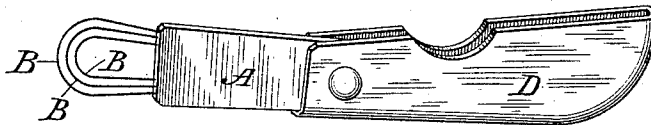
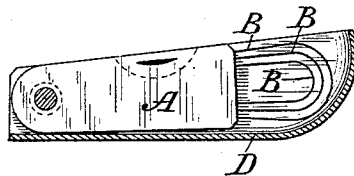


Fig. 2.



Attest:

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UNITED STATES PATENT OFFICE.

DANIEL Y. HALLOCK, OF SOUTHDOLD, NEW YORK.

DEVICE FOR REMOVING FOREIGN BODIES FROM THE EYE.

SPECIFICATION forming part of Letters Patent No. 462,910, dated November 10, 1891.

Application filed April 28, 1891. Serial No. 390,878. (No model.)

To all whom it may concern:

Be it known that I, DANIEL Y. HALLOCK, of Southold, in the county of Suffolk and State of New York, have invented a new and useful
5 Device for Removing Cinders or other Foreign Substances from the Eye; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the let-
10 ters of reference marked thereon, making a part of this specification.

My invention has for its object to furnish a device for readily removing without pain or injury cinders or other foreign substances
15 which may become lodged in the eye.

It consists in the arrangement in a suitable handle of one or more slender delicate loops either of metal, hair, silk, or wool, or other material having sufficient stiffness to
20 project out from the handle and yet of such flexibility and elasticity as to readily yield and adapt itself to the surface of the eyeball without causing undue friction or pressure thereon.

In the accompanying drawings, Figure 1 is a view in perspective of my eye-cleaning device constructed to fold up in a suitable case and opened out, and Fig. 2 is a central longitudinal section thereof when closed up in the
25 case.
30

A represents a suitable supporting piece or handle, which may be of any desired form and of any suitable material, adapted to receive and hold at one end the eye-cleaning
35 loops B B. These consist of slender filaments, preferably of hair, but which may be of fine silver or other metallic wire, or of silk, or wool, or cotton properly stiffened to prevent it from dropping or bending under its own

weight. The two ends of each filament are 40 secured in one end of the handle or supporting piece A, so as to form a projecting loop. These loops, made of various lengths, are disposed in regular order concentrically one within the other, with uniform intervals between them, as shown in the drawings. To
45 protect them from injury when not in use, the supporting-piece A, to which they are attached, is preferably pivoted to fold into a case D of leather or other suitable material 50 adapted in its form to wholly inclose the loops and fully protect them, as shown in Fig. 2, so that the device may without fear of injury thereto be readily carried in the pocket. When
55 opened out, the case forms an extension of the handle or supporting piece A, as shown in Fig. 1.

In the use of this instrument the eyelid must be raised and the loops B B passed well back under the raised eyelid, which is then
60 allowed to resume its natural position, thus pressing the loops upon the eyeball while they are being drawn gently out, bringing with them the substance or particle of matter sought for without causing the least pain or
65 irritation of the eye.

I claim as my invention—

An eye-cleaning device consisting of one or more looped filaments attached to a handle, substantially in the manner and for the pur-
70 pose herein set forth.

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

DANIEL Y. HALLOCK.

Witnesses:

WALTER B. WHITE,
GEORGE M. HARRIGEL.