

**Pinchers for the examinations of the fornix conjunctivae superior invented by Dr. De-Agostini.**

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# PINCHERS

FOR THE EXAMINATIONS OF THE FORNIX CONJUNCTIVAE SUPERIOR

*Invented by Dr DE-AGOSTINI*

Director of the Hospital at Cuggiono (Milan)

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All the physicians know how to turn up the upper eye-lid, in order to examine the conjunctiva of the tarsus; — but the examination of the *fornix conjunctivae superioris* requires another fold, which is difficult or rather quite impossible to make with only one hand. However the examination of this fornix is very important, because there are often found stronge objects in it and because the diseases, which befall the conjunctiva of the tarsus, very seldom spare the conjunctiva of the fornix.

The perfect antisepsisthat indispensable preliminary of surgical operations and the treatment of several ocular diseases require the application of disinfectant solutions. To apply them properly, the whole ocular conjunctiva must be visible.

I have obtained much prompter cures with solutions of corrosive sublimate (deutochloride of mercury) applied directly on the upper fornix and adopting the pinchers, whose description now follows.

This small instrument has the size and dimensions of a pair of depilatory pinchers, but its two branches wear two rings in the shape of stirrups, analogous notwithstanding the opposite direction with the ring of the windowed branch of Desmarres' pinchers.

You may straiten or screw the branches and rings by means of a male and a female screw (*Fig. 1*). Any other system of fastening would be less practical; as the pressure must be sufficient and there be a contrivance to suit it to the thickness of the eye-lid. — The use of the pinchers is quite simple.

After having doubled up (folded up) the upper lid, you introduce

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between the bulb and the conjunctiva of the fornix the ring which is at the end of the shorter branch and you apply the other ring on the conjunctiva of the tarsus (*Fig. 2*).

To order the operation less painful and — especially to ascertain that the pinchers do not lose their hold in the second part of the operation — the outer ring when applied must overreach with its upper ack the margin of the tarsus and andpass a little over the skin of the lid.

Then you turn the screw, until the fold of the lid is well fastened; finally you make with the instrument an upward movement from below wheeling it up to the forehead and thus you may see sthe entire mucons membrane of the fornix (*Fig. 3*).

Hence it will bo very easy to examine and medicate thisside of the mucous membrane that has not till now been enough examined and studied.

Physicians, who wish to adopt this handy and useful instrument, may apply to the Director of thé Hospital of Cuggiono (Lombardy).

On receipt of 8 fr. by Money-order the pinchers (a patent) will be forwarded post-free.

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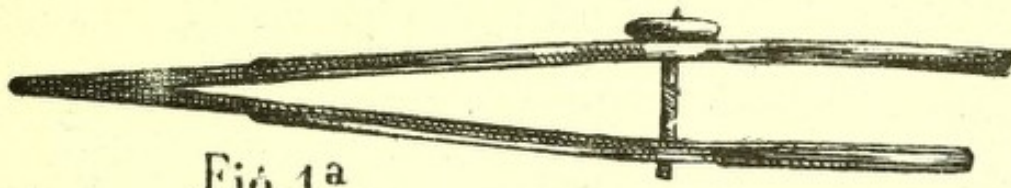


Fig. 1<sup>a</sup>.

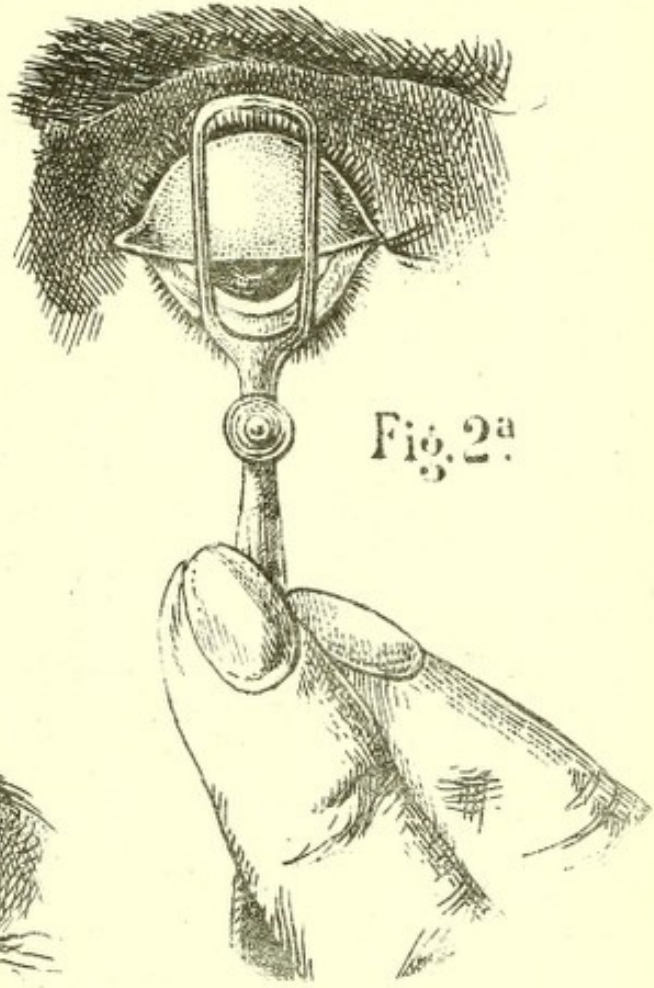


Fig. 2<sup>a</sup>.

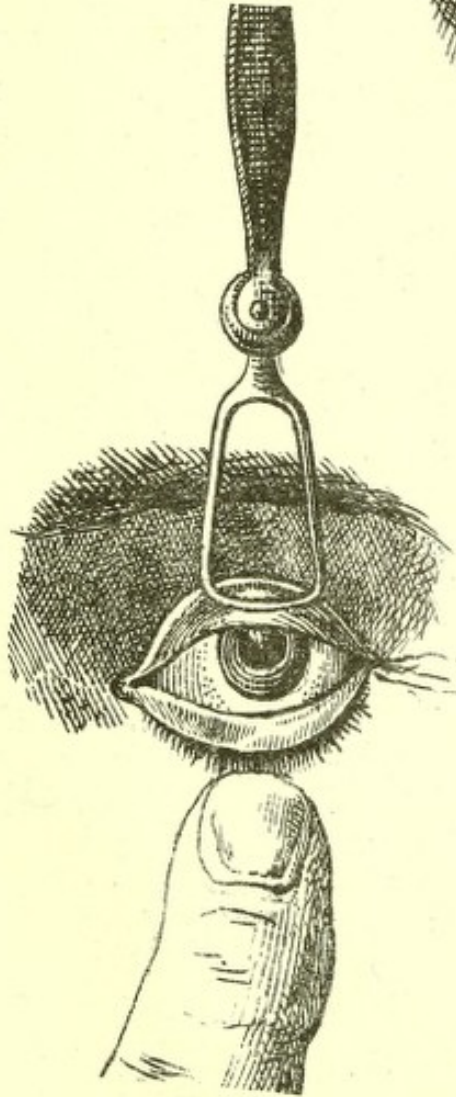


Fig. 3<sup>a</sup>.

