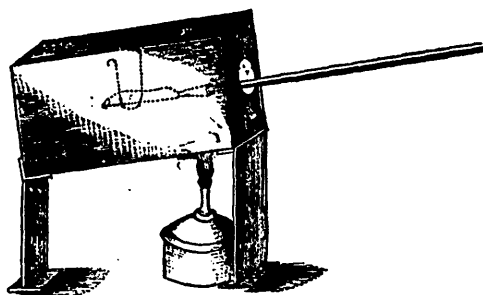


a movable wire loop, indicated in the woodcut by the dotted line,* but this would seem superfluous.

The wire should be very fine and annealed; the best is that wound with green thread and used for artificial flowers. It should not be more

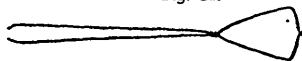
Fig. 20.



than half a millimetre in diameter; the cut represents it magnified nineteen diameters (fig. 21).

The straw. Mr. Goossens, of Paris, my courteous instructor in this art, who possesses a collection of nearly a thousand species of inflated caterpillars, uses nothing but ordinary wheat straw, choosing stout, dry pieces of various sizes, the cross section of which is perfectly circular;

Fig. 21.



with these he inflates the smallest micros and the largest sphingidae.—

Various modifications have been suggested; a glass tube drawn to a fine point, and provided with a pair of spring clips to attach to the caterpillar, is a favorite form; the Germans use this largely, and sometimes attach the caterpillar by threads passed around the anal prolegs. Dr. LeConte informs me that Dr. Gemminger uses a finely pointed tube with an elastic bulb attached, like a rubber syringe. Mr. Riley suggests (as his drawing represents) still another mode, which is to pierce a piece of soft wood along the grain with a fine heated wire

* The engraver should have made this loop hang from the edges of the oven.