

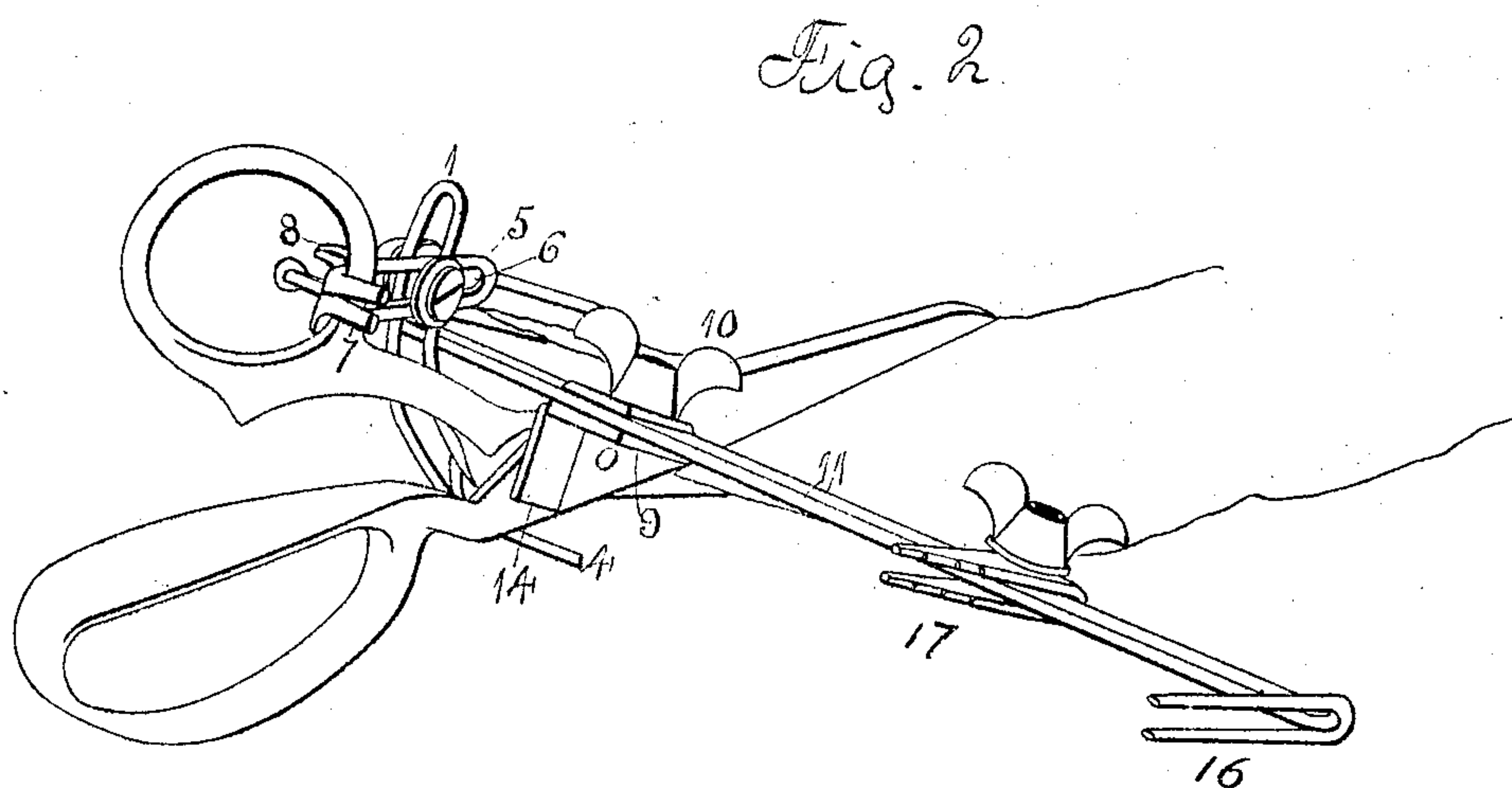
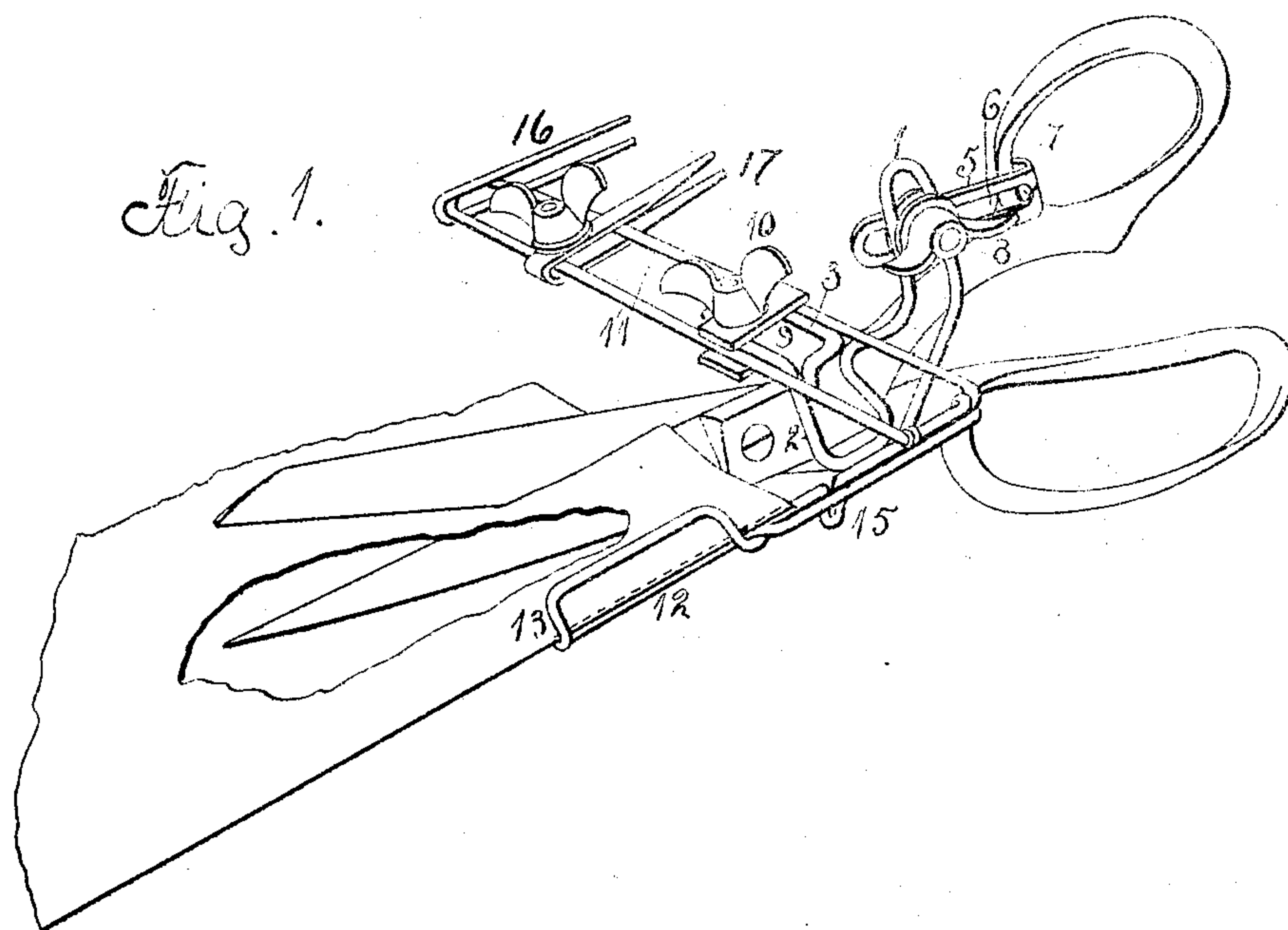
No. 764,794.

PATENTED JULY 12, 1904.

C. W. CHAFEE.  
GAGE.

APPLICATION FILED FEB. 25, 1904.

NO MODEL.



Witnesses

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# UNITED STATES PATENT OFFICE.

CHARLES W. CHAFEE, OF MARENGO, ILLINOIS.

## GAGE.

SPECIFICATION forming part of Letters Patent No. 764,794, dated July 12, 1904.

Application filed February 25, 1904. Serial No. 195,317. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES W. CHAFEE, a citizen of the United States, residing at Marengo, in the county of McHenry and State of Illinois, have invented certain new and useful Improvements in Gages, of which the following is a specification.

The object of this invention is to apply a gage to a pair of scissors to determine the width of cloth to be cut and made adjustable to cut different widths.

In the accompanying drawings, Figures 1 and 2 are perspective views of my improvements as applied to a pair of scissors.

The main support for the gage in its connection with the scissors comprises the wire frame bent to form the two vertical looped sections 1 and 2, a horizontal section 3 and a horizontal extending end 4, a plate 5, provided with a lengthwise slot 6 and with an end 7 turned in hook-form. A thumb-screw 8 clamps the plate in its connection with the vertical loop 1. An angle-plate has its horizontal section 9 lying parallel with the section 3 and connected thereto by the thumb-screw 10.

The gage-bar is composed of the two branches 11, forming a loop and clamped in connection with the horizontal loop 3 and the horizontal section 9 of the angle-plate by the thumb-screw 10. The ends of these branches are turned at right angles to the looped section and form the rest 12 for the goods. The extreme end 13 of this rest is turned into a horizontal guideway.

In attaching the gage to the scissors the loop 2 is placed against one of the blades and the vertical portion 14 of the angle-plate located against the other blade. The gage-bar is then moved to locate its end the proper distance from the cutting edge of the scissors and all the parts clamped together by the thumb-screw 10. The hooked end 7 of the plate 5 is thence placed in connection with the thumb-opening of the scissors and clamped in position by the thumb-screw 8.

It will be noticed that the gage is supported by the blade of the scissors having the thumb-opening, and consequently will move with said blade, so that its adjustment will not be changed.

In the drawings I have shown the loop 2

and the section 14 of the angle-plate located some distance from the pivot of the blades of the scissors, which was done to more clearly show the parts; but in use it is the intention to place such connection at the pivot-point, as near as may be, and by means of the slotted plate 5 proper connection can be made with the blade having the thumb-opening.

The horizontal arm 4 passes under the blades and prevents the displacement of the gage.

One of the gage-bars has a depending projection 15, which is made use of in cutting buttonholes. The projection being located in a hole will locate the cutting-points of the scissors the proper distance therefrom for the next hole.

To the free end of the gage-bar is permanently secured a fork 16, and to the branches 11 of the gage-bar is adjustably secured a fork 17. By means of these forks the goods are located therein and act as a spacing means for locating the position of buttons.

I claim as my invention—

1. A gage for scissors comprising a clamp of two sections adjustably connected, a gage-bar adjustable in connection with the clamp, and a connection between the clamp and the thumb-opening of the scissors.

2. A gage for scissors comprising a clamp of two sections adjustably connected, a gage-bar adjustable in connection with the clamp, and an adjustable connection between the clamp and thumb-opening of the scissors.

3. A gage for scissors comprising a clamp of two sections adjustably connected, a gage-bar adjustable in connection with the clamp, and a connection between the clamp and thumb-opening of the scissors, the clamp having an arm extending beneath the blades.

4. A gage comprising a bar, a fork having a permanent connection with one end thereof and extending at substantially right angles thereto, and a fork having an adjustable connection with the bar and extending at substantially right angles thereto and movable toward and from the fixed fork.

CHARLES W. CHAFEE.

Witnesses:

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