

C. N. WIKANDER.
 SCISSORS.
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946,414.

Patented Jan. 11, 1910.

Fig. 1.

Fig. 2.

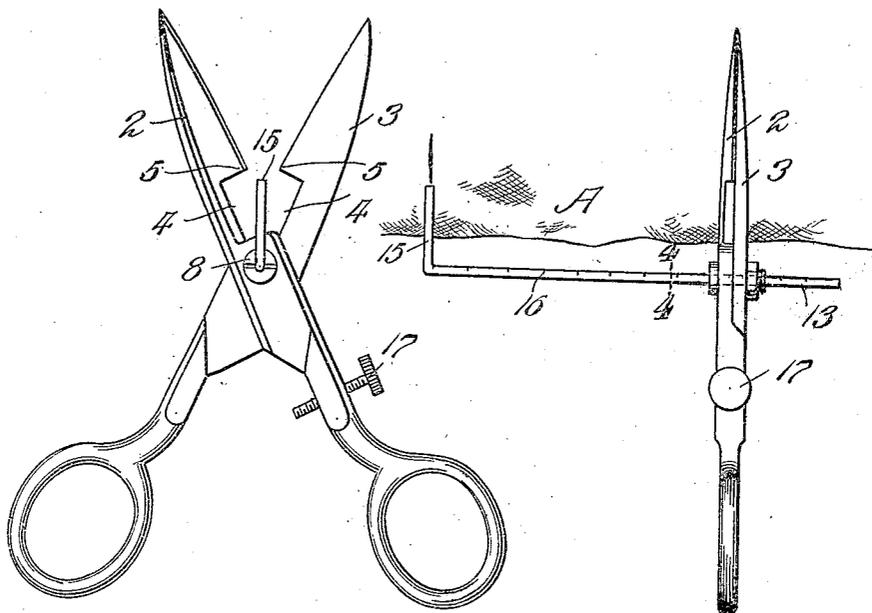


Fig. 3.

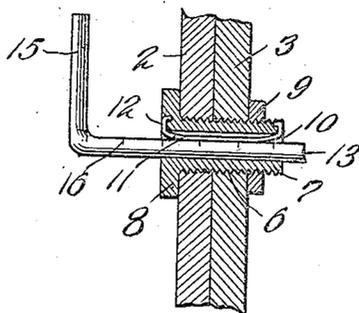


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

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SCISSORS.

946,414.

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To all whom it may concern:

Be it known that I, CHARLES N. WIKANDER, a citizen of the United States, residing at Dryad, in the county of Lewis and State of Washington, have invented new and useful Improvements in Scissors, of which the following is a specification.

This invention relates to the class of cutlery, and more particularly to scissors, and has for an object to provide a pair of scissors with a gage attachment adapted for use in the marking off of goods in which button holes are to be made.

A further object of the present invention is to provide a gage attachment which may be removably engaged with the well known form of button hole scissors.

Other objects and advantages will be apparent as the nature of the invention is better disclosed, and it will be understood that changes within the scope of the claims may be made without departing from the spirit of the invention.

In the drawings forming a portion of this specification and in which like characters of reference indicate similar parts in the several views: Figure 1 is a side view of the pair of button hole scissors showing the application of the present gage thereto, Fig. 2 is an edge view, Fig. 3 is a detail sectional view through the blades of the scissors showing the manner of attaching the gage to the screw for retaining the blades. Fig. 4 is a transverse sectional view taken on the line 4-4 of Fig. 2.

Referring now more particularly to the drawings, there is shown a pair of scissors comprising cutting blades 2 and 3 respectively, each being provided with a recessed portion 4 to provide points 5 for entering the cloth to be cut. Each blade has formed therein a passage 6 for receiving the usual screw 7 upon which the blades are mounted. The screw 7 is headed as shown at 8, and at the other end the exterior threaded portion of the screw receives the clamping nut 9. The screw is provided with a centrally located bore in which is disposed a flat leaf spring 11 having hooked ends 12 engaged in recesses formed in said screw as shown, and which hook ends, effectively serve to hold the spring against displacement. The bore 10 thus receives a right angularly disposed gage arm 13 of the gage and formed integral with said arm is shown a right angularly extending gage finger 15. The arm

13 is graduated as indicated at 16. The graduations may be in the form of inches or fractions of inches or any desired scale may be provided for use in laying off points upon the goods in which button holes are to be cut. Upon reference to Fig. 2 it will be seen that a portion of the piece of cloth is indicated at A and the blades 2 and 3 of the scissors are disposed with respect to the cloth in the usual manner when cutting button holes, and in this position of the scissors, it will be seen that the finger 15 is disposed upon the cloth and may be set at the point at which a hole has been formed. it being understood that the arm 13 has been previously set to regulate the desired distance between the blades of the scissors and finger 15, whereupon the scissors may be moved and the finger 13 set at the preceding hole.

The blades of the scissors are provided with the usual handles and the blade 2 carries an adjusting screw 17 adapted to be engaged with a portion of the blade 3 in order that the blades may be manipulated to make the desired cut. The arm 13 is provided with a flat face 13^a which receives the spring 11 and is frictionally engaged therewith to hold said finger against rotation. It will be seen that a simple and inexpensive device is provided that can be applied to the well known button hole scissors and effectively serves as means whereby button holes may be accurately spaced from each other at predetermined points. The gage is such that it may be removed from the scissors when not in use.

Having thus described the invention, what is claimed as new, is:—

1. The combination with a pair of scissors comprising cooperating blades, of a hollow pivot screw engaged with said blades, an adjustable gage bar having a portion slidably mounted in the hollow portion of the screw, said portion of the gage bar having a longitudinally extending flat face located in spaced relation to the walls of the bore of the screw, a finger carried by the gage bar and disposed in spaced parallel relation to the blades of the scissors, and a flat or leaf spring carried by the screw and extending longitudinally through the bore thereof and yieldingly engaged with the flat face of said gage bar and adapted to hold said bar in its adjusted position.

2. In a device of the class described, a pair of scissors comprising cooperating

blades, a pivot screw engaged with the said
blades and provided with a longitudinally
extending bore, an adjustable gage bar hav-
ing a portion slidably mounted in the bore
5 of the screw and provided with a flat face
disposed in spaced relation to the walls of
the bore, and a leaf spring extending
throughout the entire length of the bore
and yieldingly engaged with the flat face
10 of the gage bar so as to hold the bar in its

adjusted position and against rotation, said
spring having hooked end portions secured
at the ends of the said pivot screw.

In testimony whereof I affix my signature
in presence of two witnesses.

CHARLES N. WIKANDER.

Witnesses:

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