

No. 638,662.

Patented Dec. 5, 1899.

A. H. DOW.
SCISSORS OR SHEARS.
(Application filed Dec. 24, 1898.)

(No Model.)

Fig. 1.

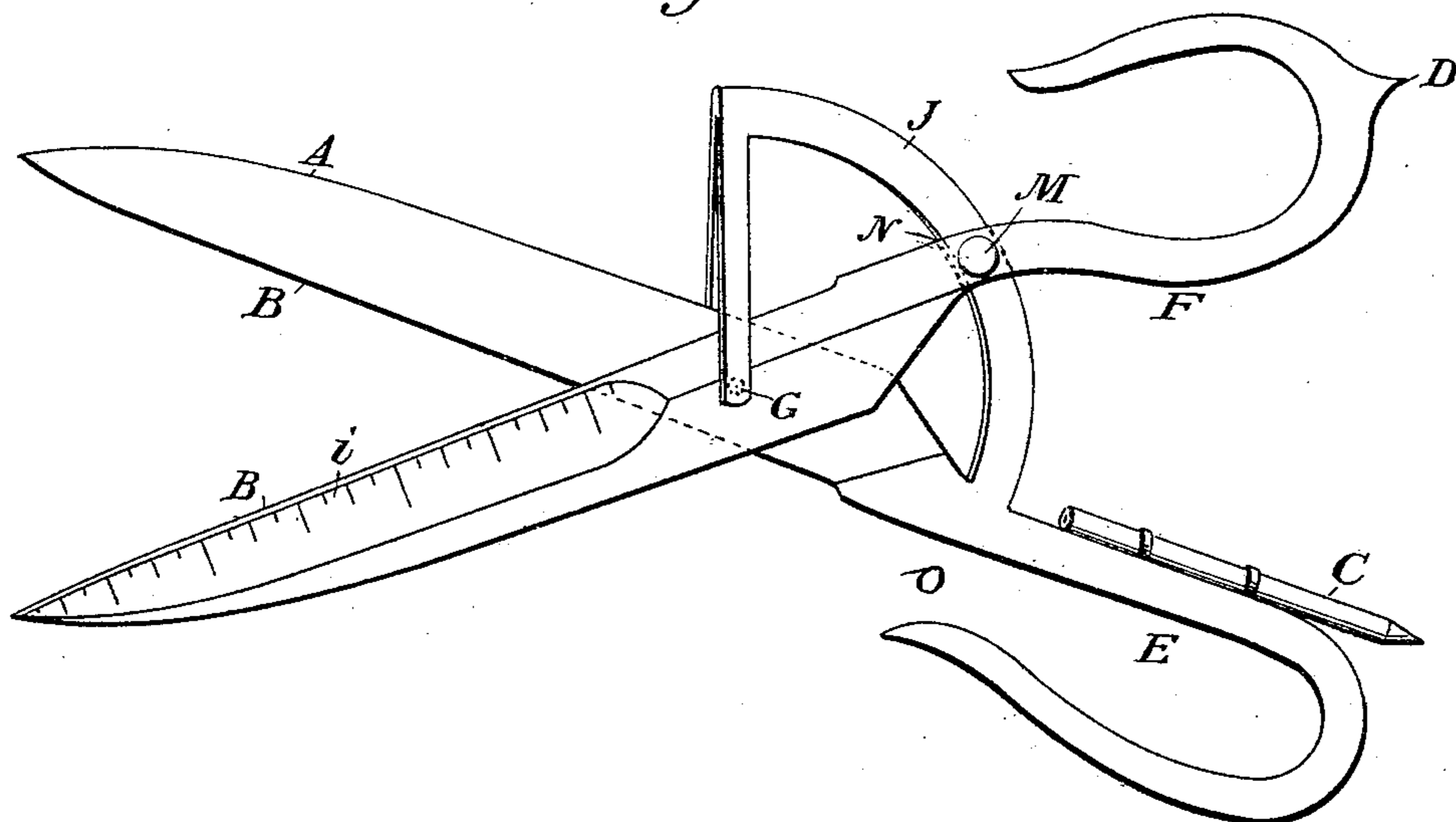


Fig. 2.

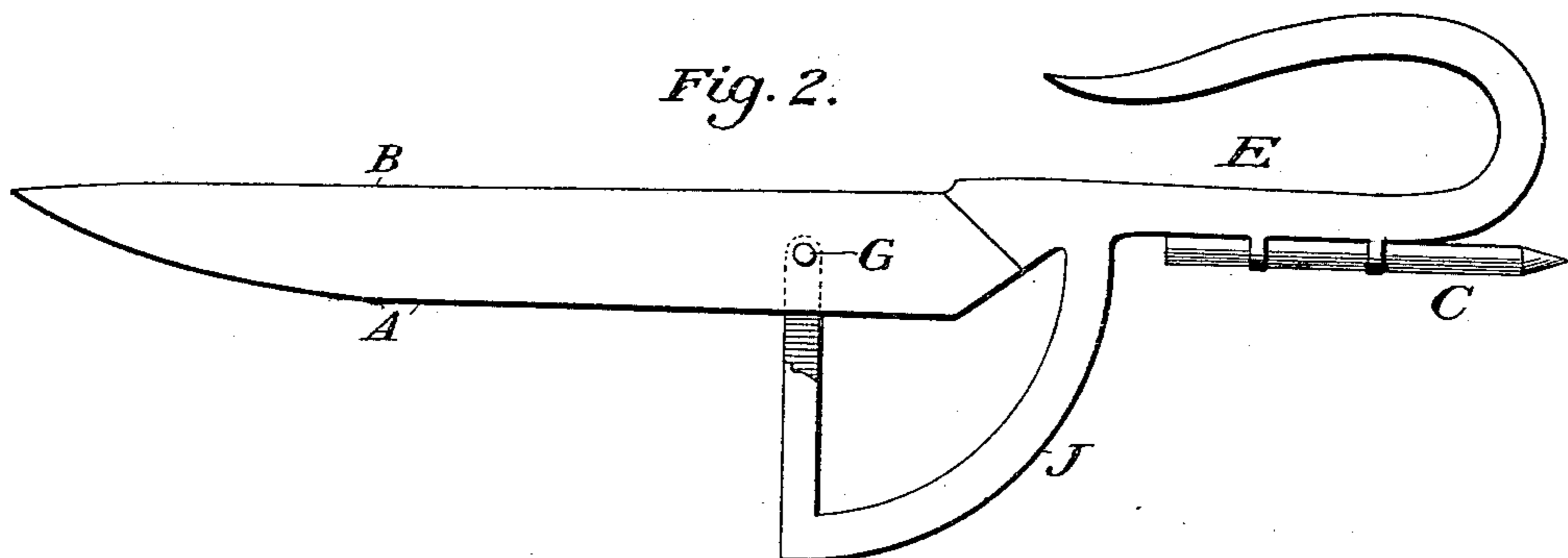


Fig. 3.

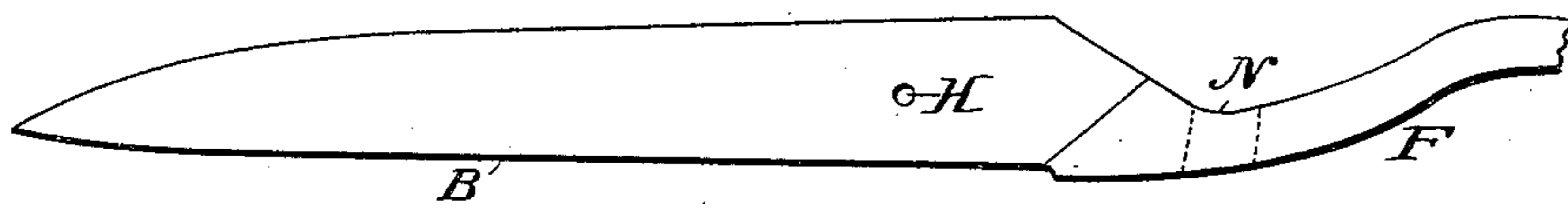


Fig. 4.

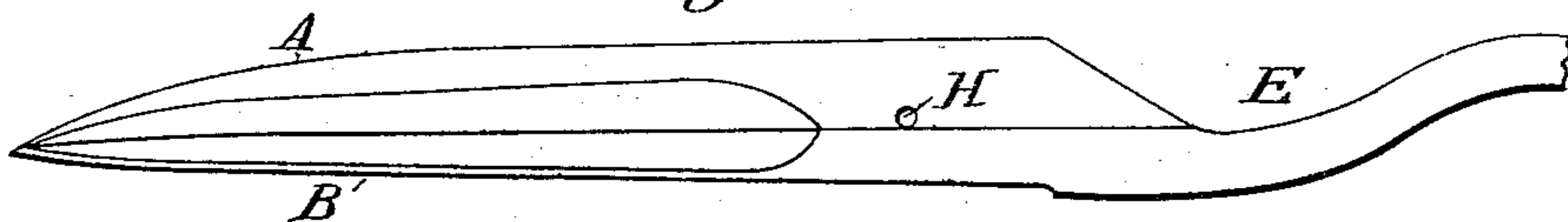


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

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SCISSORS OR SHEARS.

SPECIFICATION forming part of Letters Patent No. 638,662, dated December 5, 1899.

Application filed December 24, 1898. Serial No. 700,269. (No model.)

To all whom it may concern:

Be it known that I, ALLEN H. DOW, a citizen of the United States, residing at Forest House, in the county of Potter, State of Pennsylvania, have invented certain new and useful Improvements in Scissors and Shears, of which the following is a specification.

My invention relates to improvements in scissors and shears; and the objects of my improvements are, first, to incorporate into the device facilities for various uses pertaining to the art; second, to provide a new adjustment of the blades, so as to avoid the use of a rivet and prevent them from working loose; third, to afford a facility for adjusting the scissors to a belt, pocket, or other conveniences. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure I is a complete view of the device; Figs. II and III, separate views of the two blades, showing the pivot-and-socket formation. Fig. IV is a view of one blade, showing the outer side of said blade and the bevels thereon leading to a double cutting edge. Fig. V is a detail view in perspective of the pivot G, said pivot being screwed into the blade E and rotating in the socket H on the blade F, said blades being retained in operative relation by the resiliency of the spring J.

Similar letters refer to similar parts throughout all the views.

The cutting edges B B of the blades, with the scale of inches *i* shown on one blade, form a guide for cutting any desired size of button-holes. The outline A is a knife cutting edge formed by a bevel from the outer side of blade E and extending from or near the pivot formation to the point of said blade, said knife cutting edge A being principally used for ripping seams of cloth. The open finger-receptacle O is purposed so as to be easily adjusted to a belt or pocket.

The pencil C, which is used for marking cloth and various other purposes, with the pivot or stud D, forms a pencil-compass

adjusted by the set-screw M, said pencil C being retained in position by semicircular flanges.

Fig. II is a separate view of the finger-blade E, showing the pivot G, which fits into the socket H, (shown in Fig. III,) and the two blades E and F are adjusted and retained in their proper positions by the quarter-circle spring J, which is secured upon the outside of the blade E, said quarter-circle J passing through the slot N in the blade F and then down in a radius to the outside of the two said blades. The said quarter-circle spring J may be constructed from any desirable size of round steel forged to a proper width and thinness to the extent of the circle, then bent in a radius and divided for the reception of the two blades E and F, and the two said blades being thus secured in operative adjustment through the pivot-and-socket formation described.

Fig. IV is a view of the finger-blade E, showing the outer side of said blade and the bevels leading to the cutting edge B and the knife A.

What I claim, and desire to secure by Letters Patent of the United States, is—

Scissors, consisting of two blades, one having a pivot and the other a socket therefor, a quarter-circle spring secured to one blade and pressing the two blades together for the purpose of retaining the said blades in operative relation, a set-screw upon one blade adapted to engage the spring and hold said blades in adjusted position, open finger and thumb receptacles, a pivot upon one of the above parts and devices for holding a pencil upon the other, a double cutting edge formed upon one of the blades, and a measuring-scale upon the other, substantially as described.

ALLEN H. DOW.

Witnesses:

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