

(No Model.)

L. A. NICKERSON.

SHEARS.

No. 338,286.

Patented Mar. 23, 1886.

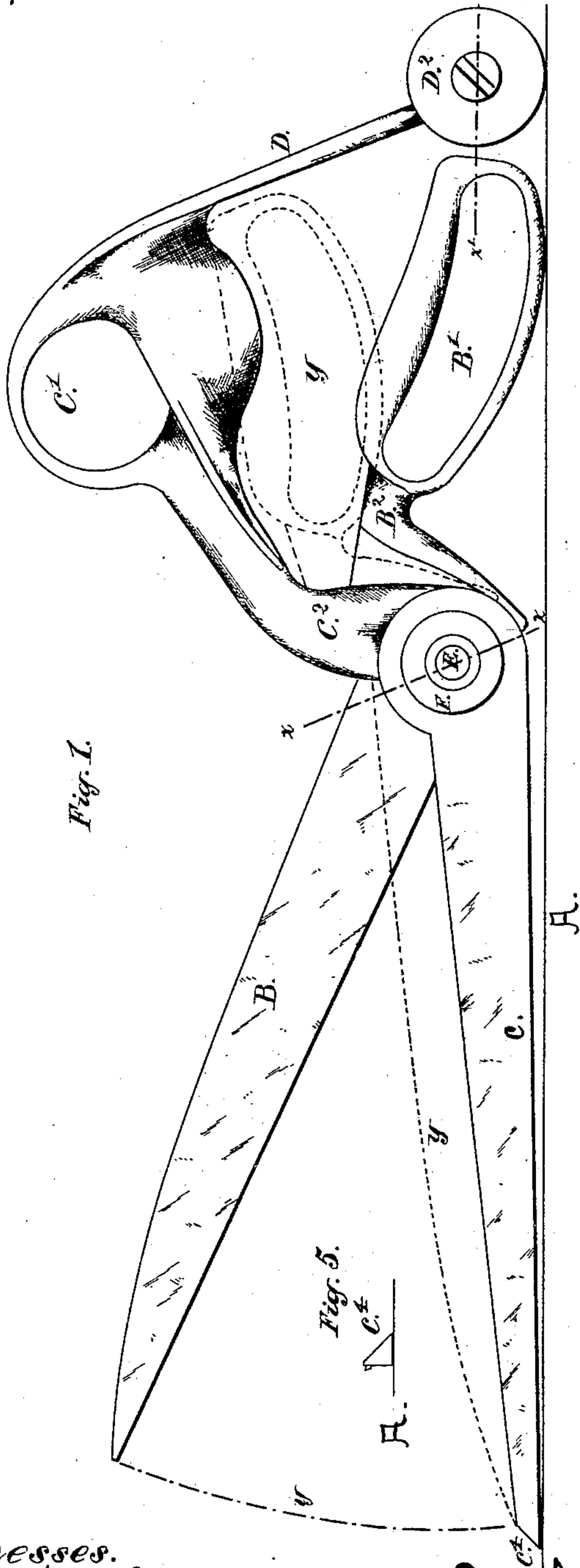


Fig. 1.

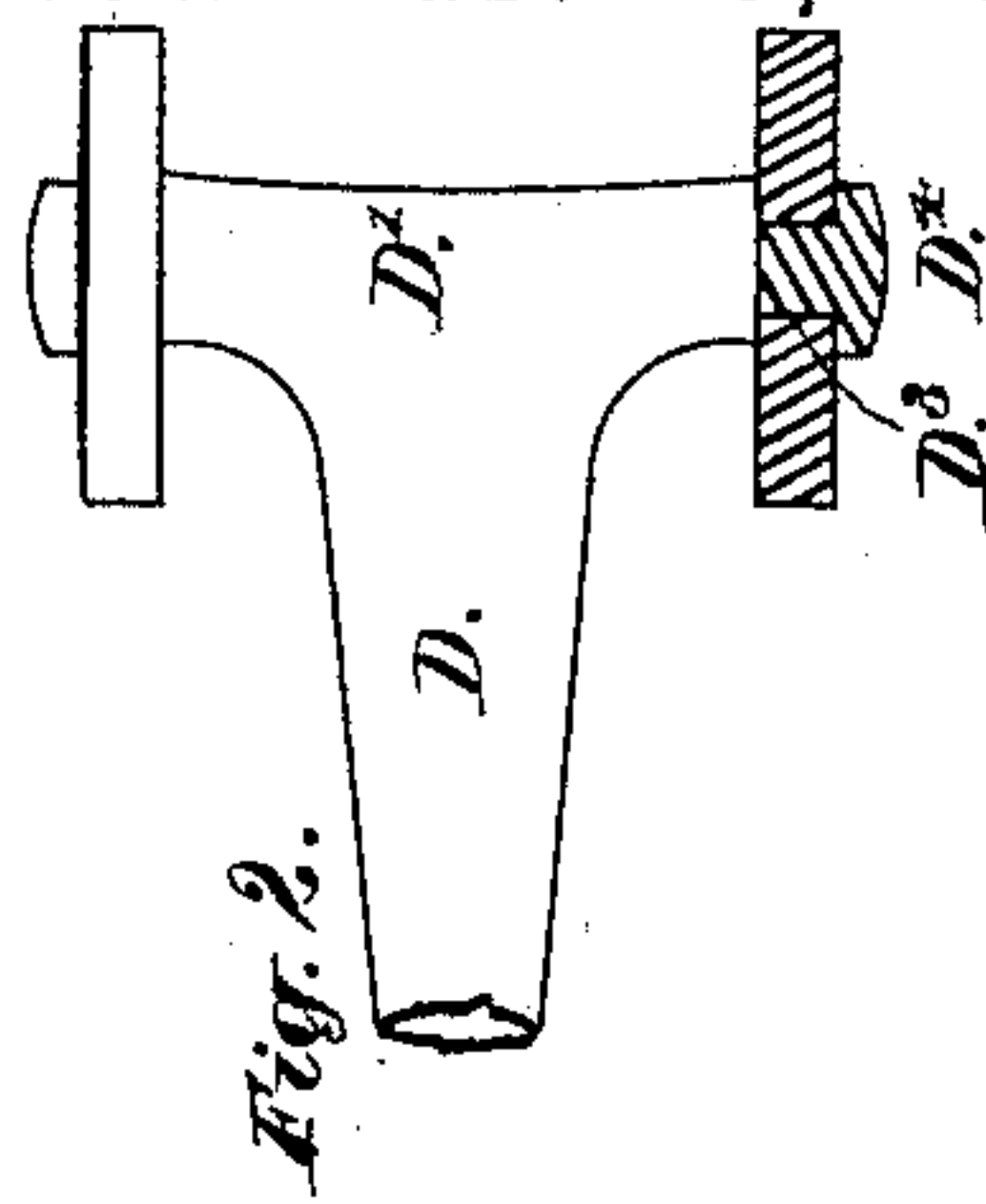


Fig. 2.

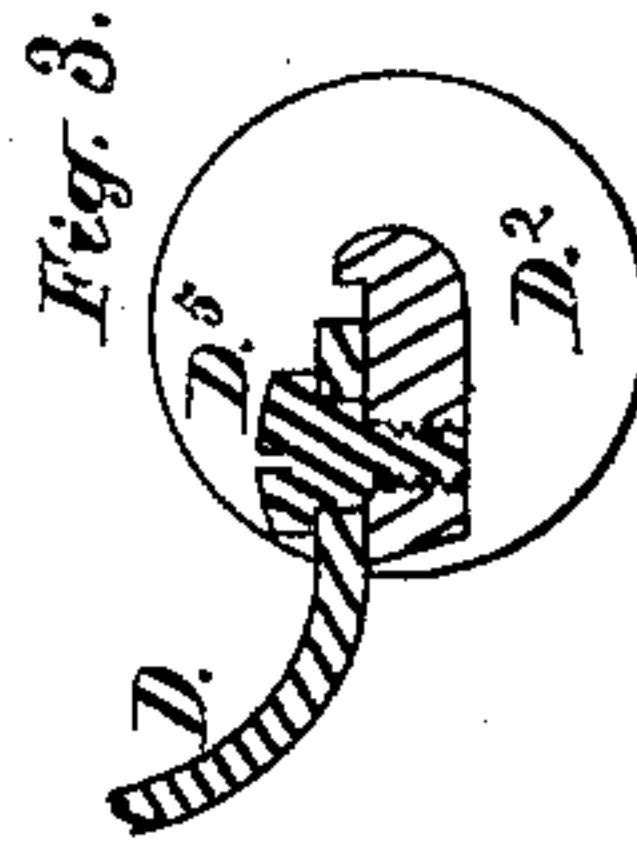


Fig. 3.

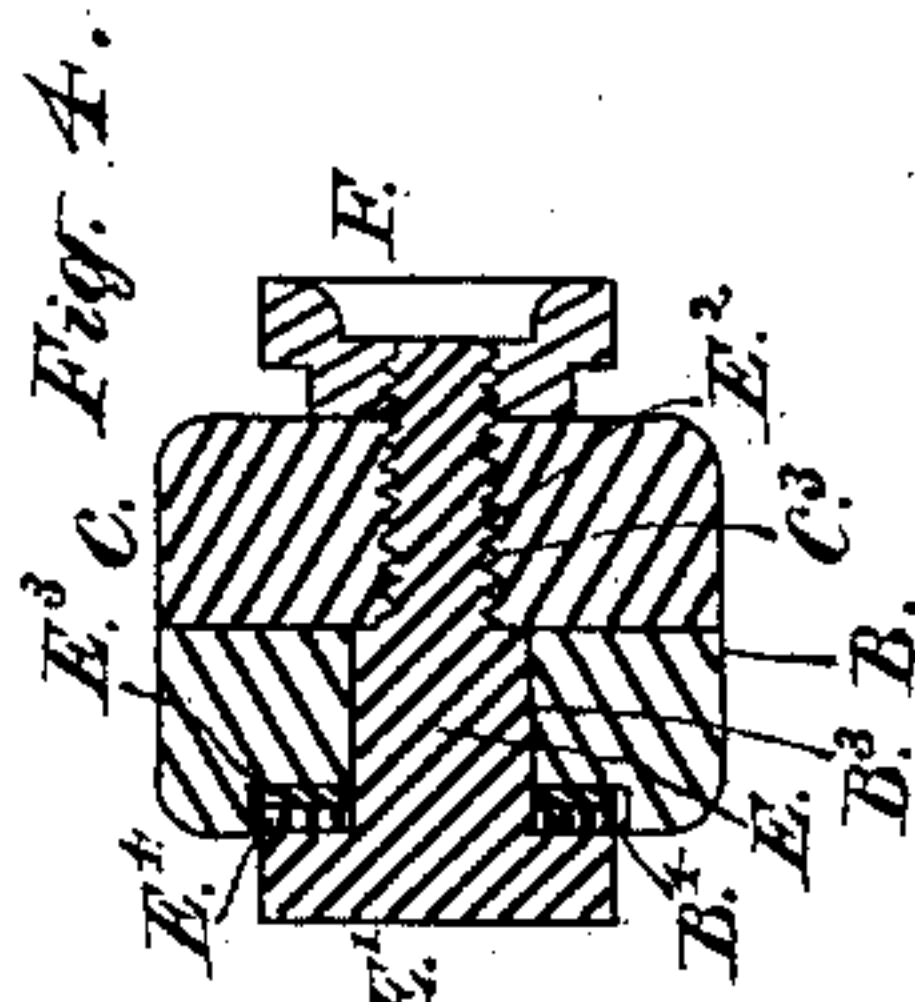


Fig. 4.

Fig. 5.



Witnesses.
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SHEARS.

SPECIFICATION forming part of Letters Patent No. 338,286, dated March 23, 1886.

Application filed September 23, 1885. Serial No. 177,959. (No model.)

To all whom it may concern:

Be it known that I, LUKE A. NICKERSON, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Shears, of which the following is a specification.

The object of this invention is to furnish tailor-shears, the thumb-bow and lower blade of which have no upward or downward motion while the shears are cutting, having a finger-bow and upper blade that perform all the upward and downward motion while in the operation of cutting, that may be made to remain in working position, whether in use or not; that have a lower blade-point so formed that it will pass between a table-top or other plane surface and the edge of the fabric to be cut without first raising the latter, and that are provided with a laterally elastic joint of novel construction.

This invention consists in producing tailor-shears provided with a continuous upward-curved lower blade-shank and thumb-bow, the former projecting upward sufficiently to elevate the latter far enough above a cutting-table to allow the finger-bow to perform all the cutting motion.

This invention consists, further, in furnishing the thumb-bow of tailor-shears with a downward-projecting rest, wheeled or not, as preferred, and in beveling the upper portion of the free end of their lower blade to a blunt edge, both shear-blades being secured together by a joint-bolt passed through a rubber washer and other attachments to produce a laterally-elastic joint.

Referring to the accompanying drawings, which form a part of this specification, Figure 1 represents a view of a pair of tailor-shears embodying my invention. Fig. 2 represents a plan view of a part of the wheeled rest. Fig. 3 represents a view of a modification of the rest. Fig. 4 represents a view of a transverse section of Fig. 1, through the line x . Fig. 5 represents a view of the free ends of the shear-blades closed.

Similar letters refer to similar parts throughout the several views.

A represents the upper surface of a cutting-table.

B B' B² represent, respectively, the upper blade, finger-bow, and blade-shank of a pair of shears.

B³ represents a circular perforation through the blade B.

B⁴ represents a circular countersink in the blade B.

C C' C² represent, respectively, the lower blade, thumb-bow, and blade-shank of a pair of shears, the lower surface of the blade C being a plane.

C³ represents a circular perforation through the blade C, provided with an internal screw.

C⁴ represents a beveled point of the shear-blade C, the beveled point C⁴ serving to raise the edge of any fabric to be cut from the upper surface, A, of a table.

D represents a rest-shank secured to or continuous with the thumb-bow C'.

D' represents a short axle. D² represents small wheels, having circular perforations at D³.

D⁴ represents screws serving as journals for the wheels D², and also securing them to their axle D'.

D⁵ represents a screw forming a swivel-joint between the rest-shank D and axle D'—a modification of the foregoing.

E represents a joint-bolt having a milled edge, and provided with an external screw, E².

E³ E⁴ represent, respectively, a brass and a rubber washer, both circular in form.

F represents a circular set-nut, having a milled edge and circular perforation, the latter provided with an internal screw.

The line x' indicates the plane of the section shown in Fig. 2.

The broken lines y indicate the position of the upper blade when the shears are closed.

I claim as new—

1. The combination, with the blade B, provided with the countersink B⁴, the finger-bow B', and the shank B², of the blade C, having its lower surface a plane and the free end thereof beveled to a blunt edge, and having the thumb-bow C' and downward-projecting rest, consisting of the parts D, D', and D², substantially as described.

2. The combination, with the joint-bolt E, having the head E' and external screw, E², of the brass washer E³, rubber washer E⁴, and set-

nut F, provided with an internal screw, substantially as set forth.

3. The combination, with the rest-shank D, of the axle D', wheels D², screws D⁴, and swivel joint screw D⁵, substantially as set forth.

4. Tailor-shears provided with a wheeled rest projecting downward from a thumb-bow, having their lower blade beveled to a blunt edge at the upper portion of its point, and fur-

nished with a non-rotating joint-bolt, whereon their upper blade moves when in the operation of cutting, substantially as and for the purpose specified.

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