

(No Model.)

E. S. & D. R. HOOPES & A. E. SHIPLEY.
Cloth Cutting Machine.

No. 237,280.

Patented Feb. 1, 1881.

Fig. 1.

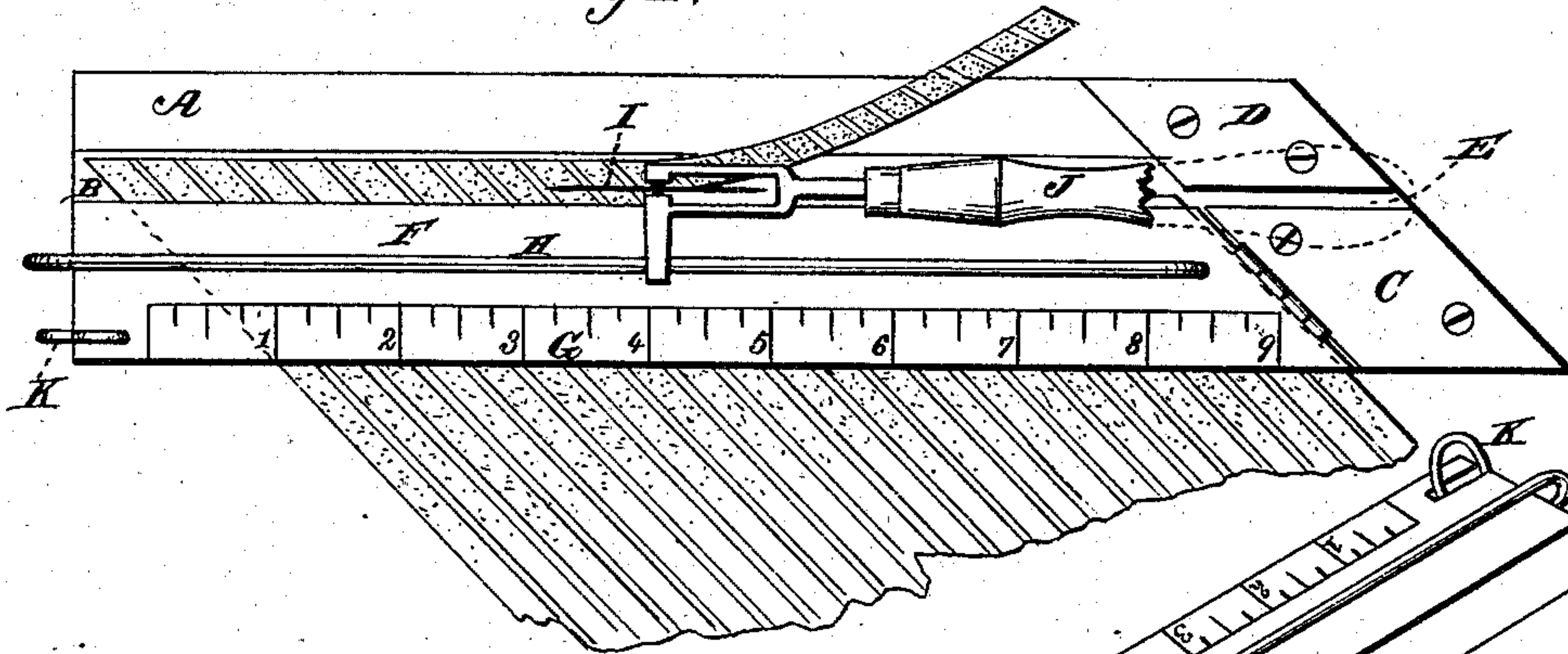


Fig. 2.

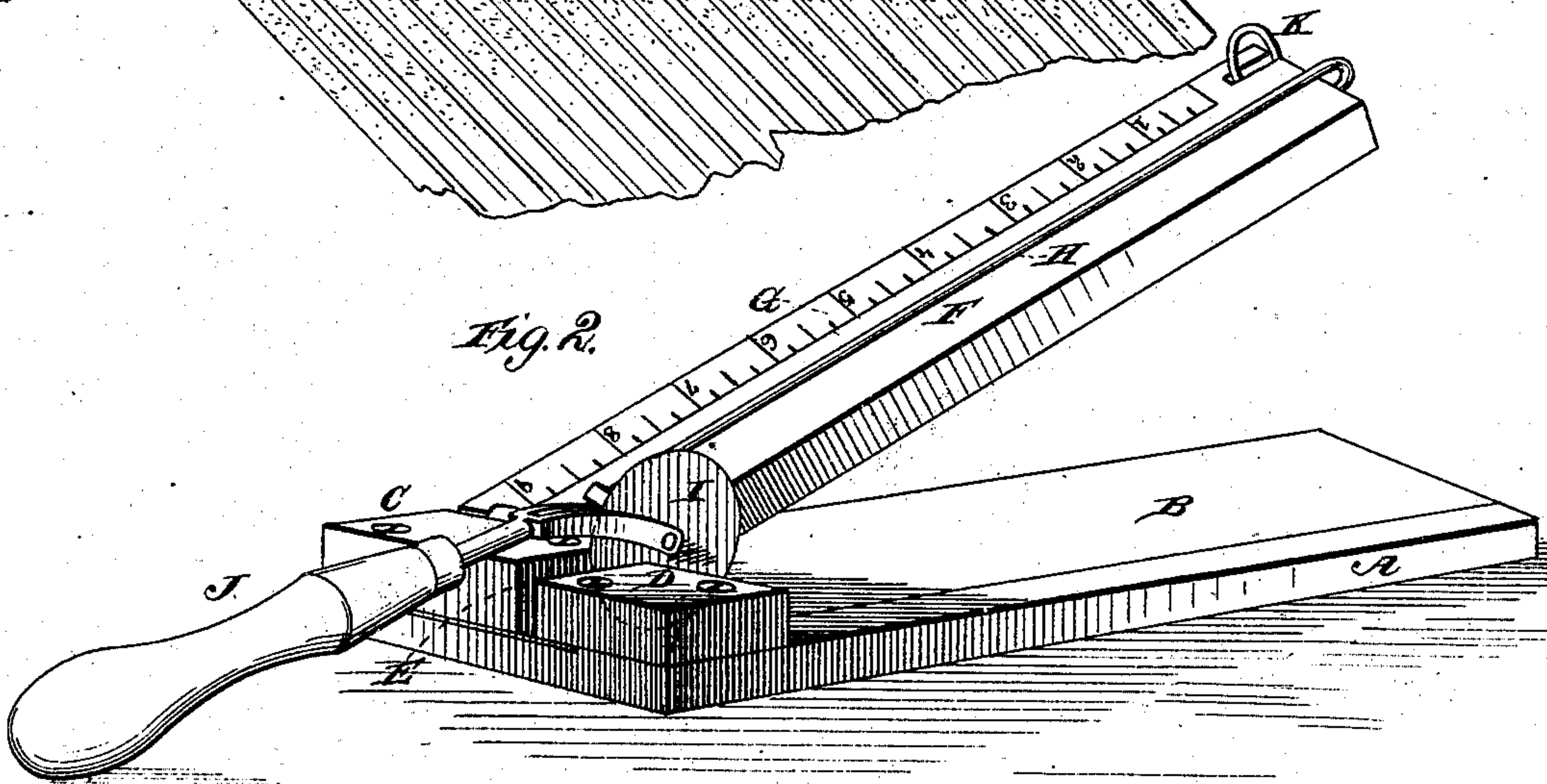


Fig. 3.

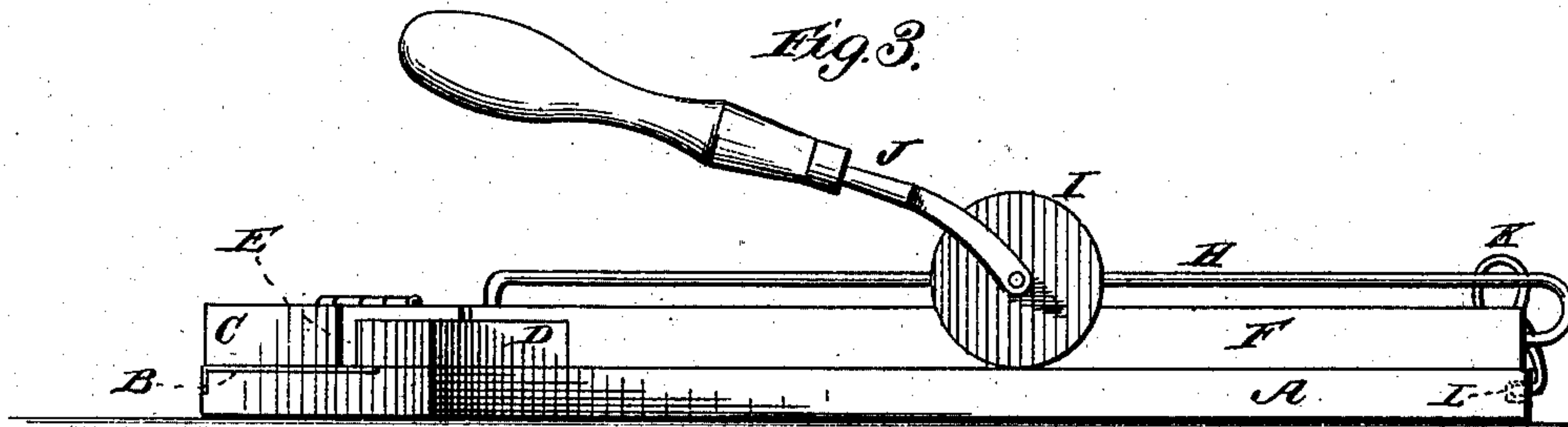
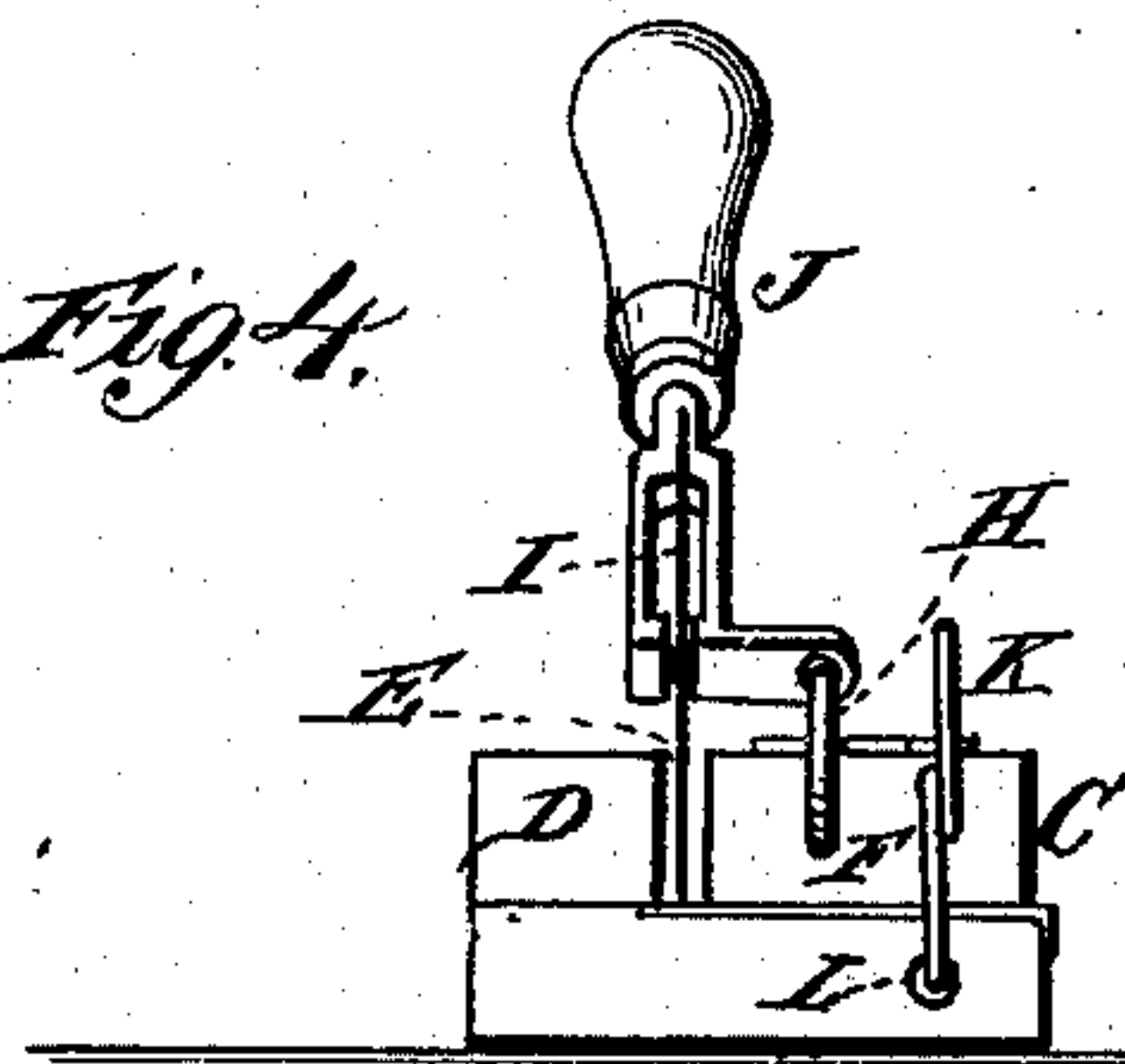


Fig. 4.



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UNITED STATES PATENT OFFICE.

EDWIN S. HOOPES, DAVID R. HOOPES, AND AROICE E. SHIPLEY, OF
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CLOTH-CUTTING MACHINE.

SPECIFICATION forming part of Letters Patent No. 237,280, dated February 1, 1881.

Application filed October 13, 1880. (No model.)

To all whom it may concern:

Be it known that we, EDWIN S. HOOPES, DAVID R. HOOPES, and AROICE E. SHIPLEY, of Oskaloosa, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Bias Cloth - Cutters; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a plan view of a device embodying our improvements. Fig. 2 is a view, in perspective, of the device with the leaf elevated to permit the insertion of the cloth between it and the table. Fig. 3 is an elevation showing the rotary cutter, and Fig. 4 is an end elevation.

This invention has relation to a bias-cutter for cutting silks, satins, velvets, and all dress-good trimmings; and it consists in the improved features of construction and combination hereinafter fully described, and particularly pointed out in the claims.

Referring to the accompanying drawings, A designates the table or bed-plate of the device, having the metallic facing B extending its entire length and covering nearly the entire width of the same. Upon one end of the bed-plate A are secured blocks C and D, leaving a recess, E, between them. These blocks C D have diagonal inner ends, against which one side of the cloth to be cut rests, as shown in Fig. 1. To the inner end of the block C is hinged a leaf, F, having a diagonal inner end corresponding with the inner end of said block C, and which brings its faces parallel with the vertical faces of the bed-plate or table A. The leaf F carries on its upper face, near one edge, a measure, G, and is also provided with a guide-rod, H, which guides the inner end of the axial arm of the rotary cutter I, which is provided with a pivoted bifurcated handle, J, which furnishes bearings for the rotary cutter I, and which is used to manipulate it in cutting the material. The rectangular end of the

leaf F is provided with a pivoted dog, K, the foot of which enters a recess, L, in the end of the table, to hold the leaf F down upon the table when the cloth is placed between the table and the leaf, to hold the cloth in a position to be properly cut by the knife or cutter I.

The goods having been placed between the leaf and table, with its straight edge against the inner diagonal ends of the blocks C D, the leaf is locked down and the cutter run over the goods to cut them. In this way the goods may be readily and accurately cut bias with a great saving of time and material.

The device is cheap and simple, and can be operated by any person on first sight.

We are aware that an implement for holding cloth to be cut, composed of a bed-plate and a clamping-plate hinged thereto, and having a gage or rule, is old, and such we do not wish to be understood as claiming, broadly, as of our invention.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent of the United States, is—

1. The herein-described bias cloth-cutter, composed of the bed-plate A, having blocks C D, with diagonal inner ends secured thereon at one end, and the metal face B, the hinged clamping-leaf having diagonal inner end and provided with measure G, guide-rod H, and dog K, and the movable rotary cutter I and handle J, substantially as specified.

2. The herein-described implement for holding fabrics to be cut bias, composed of the bed-plate A, having blocks C D, with diagonal inner ends secured thereon at one end, and a hinged clamping-leaf having diagonal inner end, substantially as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

EDWIN S. HOOPES.
DAVID R. HOOPES.
AROICE E. SHIPLEY.

Witnesses:

OLIVER P. HEDGE,
R. P. BACON.