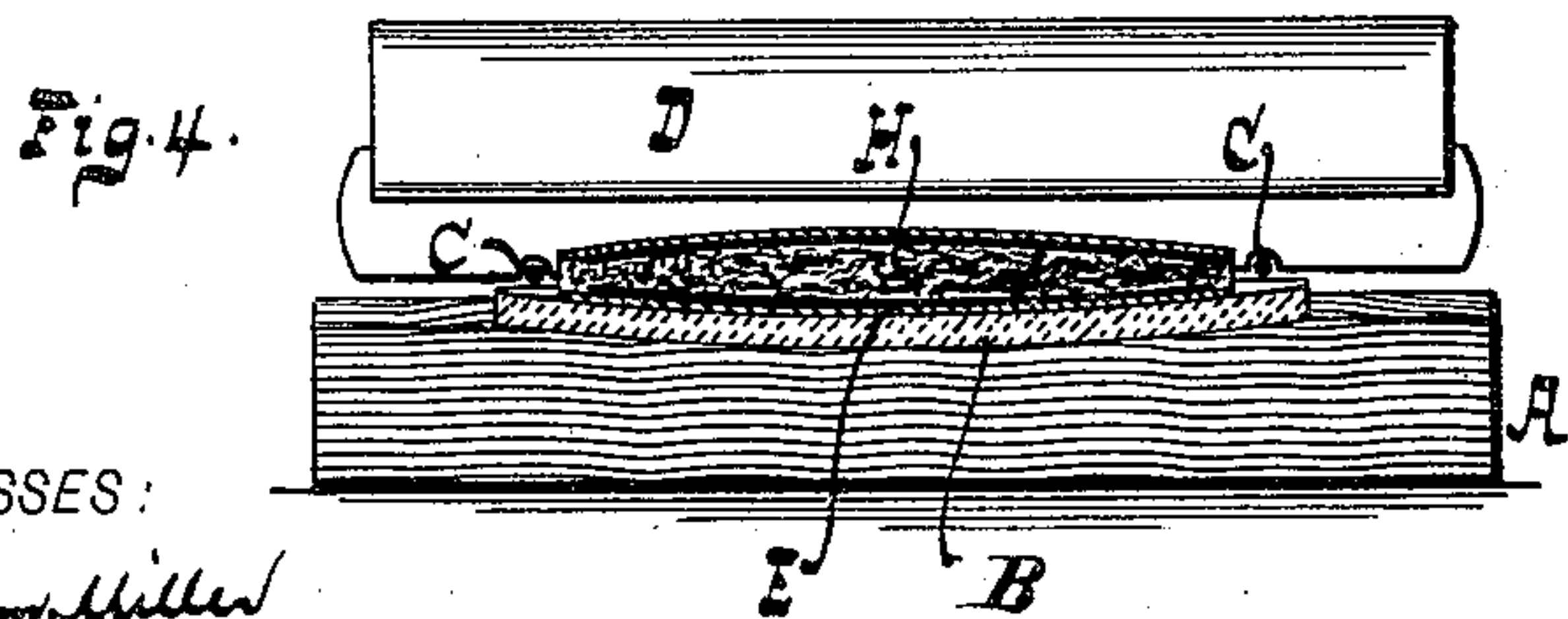
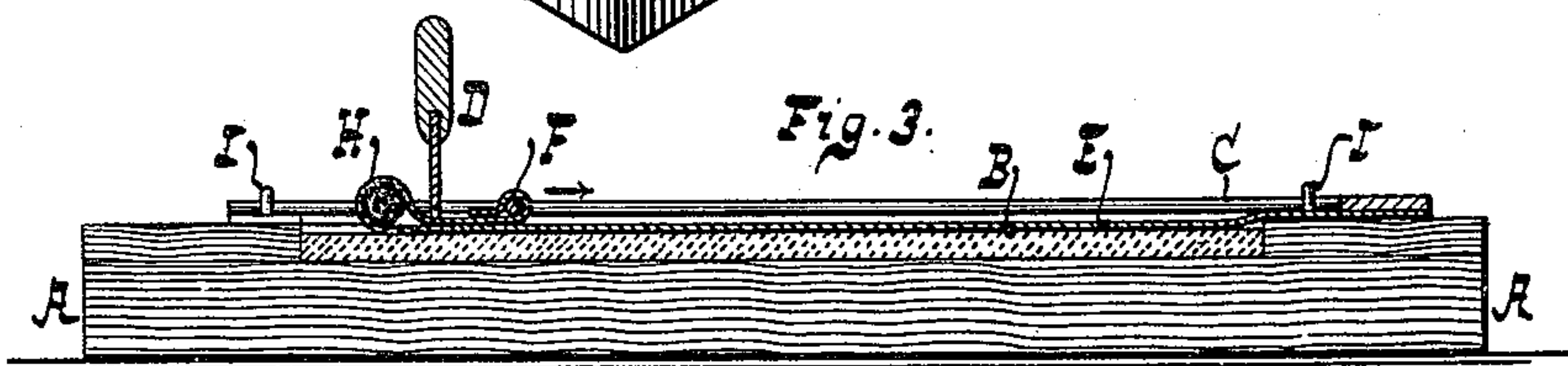
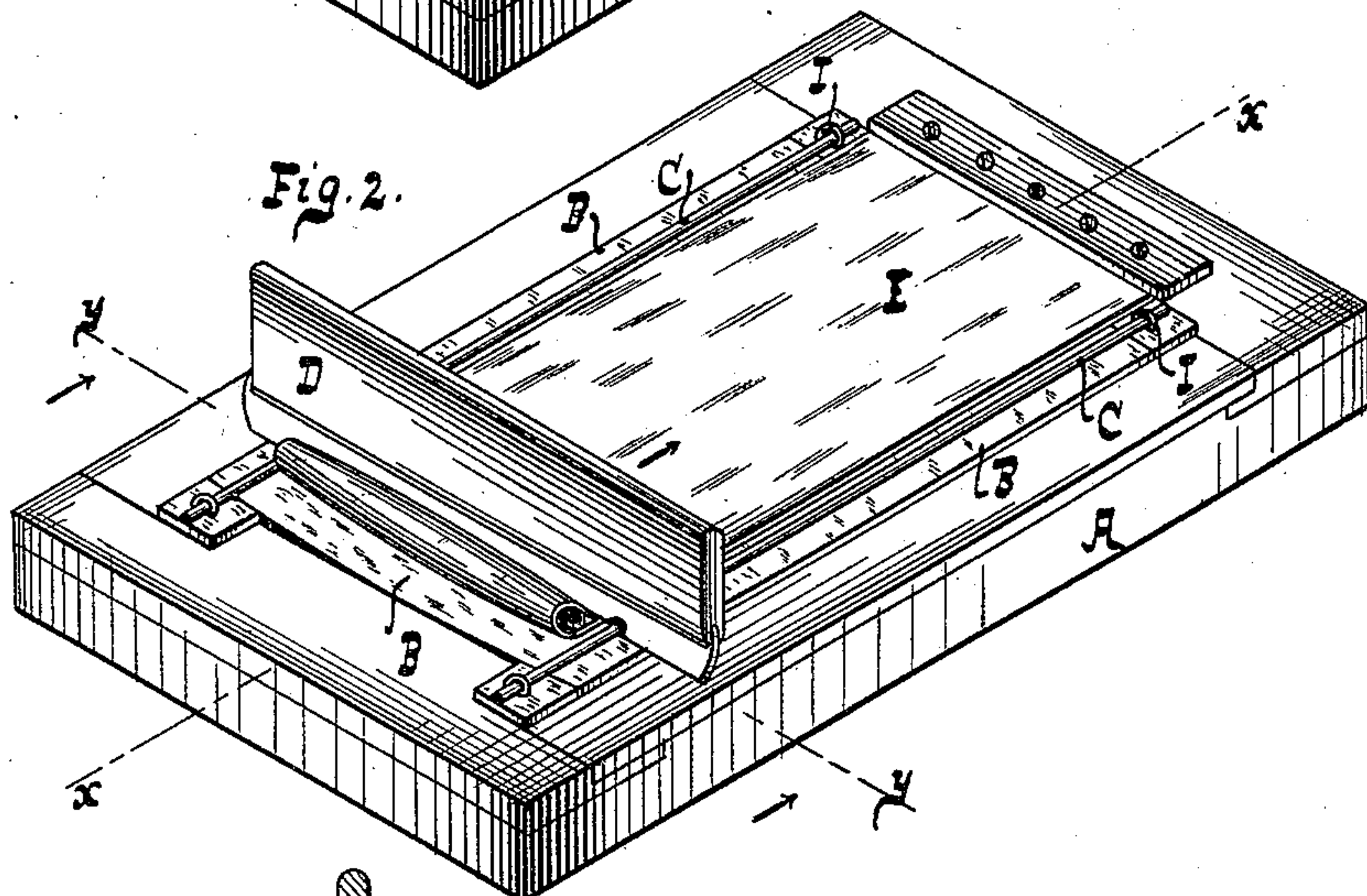
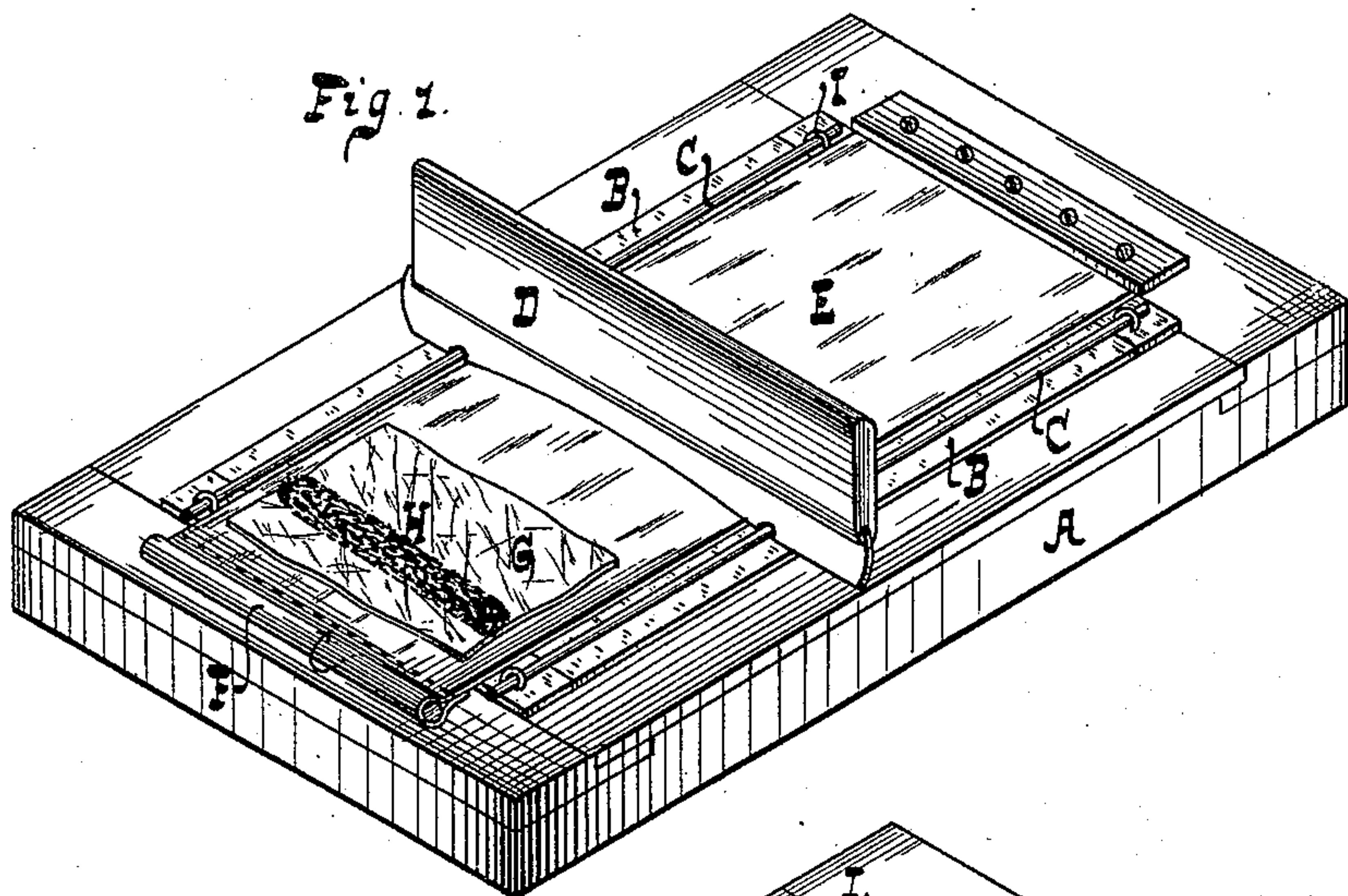


(No Model.)

S. PRAGER.
CIGARETTE MACHINE.

No. 433,818.

Patented Aug. 5, 1890.



WITNESSES:

William Miller
Edward Wolff.

INVENTOR:

Samuel Prager.

BY

Van Santvoord & Hauff

ATTORNEYS

UNITED STATES PATENT OFFICE.

SAMUEL PRAGER, OF NEW YORK, N. Y.

CIGARETTE-MACHINE.

SPECIFICATION forming part of Letters Patent No. 433,818, dated August 5, 1890.

Application filed April 17, 1890. Serial No. 348,392. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL PRAGER, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Cigarette-Machines, of which the following is a specification.

This invention relates to improvements in cigarette-machines; and the invention consists in the details of construction set forth in the following specification and claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a cigarette-machine before the cigarette has been rolled. Fig. 2 is a view similar to Fig. 1, showing the cigarette being rolled. Fig. 3 is a section along $x x$, Fig. 2. Fig. 4 is a section along $y y$, Fig. 2.

In the drawings, the letter A indicates a board having a suitable cavity into which is fitted the cushion B. This cushion has a concave face, as seen in Fig. 4. The cushion B is elastic, so as to be capable of more or less yielding. Upon the cushion B rest the guide-rods C for the shaper D. The shaper D has eyes or depressions which engage the rods C, as seen in Fig. 4.

By resting the rods C on the elastic cushion B said rods will yield in case the shaper is depressed too hard by the operator, so that the outer edges of the shaper will come to rest on the board A. The shaper D is thus prevented from being depressed too far, so that the cigarette will never be rolled too hard. The edge of the shaper D between the rods C is concave, Fig. 4, so that the shaper, in connection with the concave-faced cushion B, will give a cigar shape to the cigarette. To the board A is secured an apron E, the free end of which has a rod or handle F.

In rolling a cigarette the cigarette-wrapper G, Fig. 1, is laid on the apron E, and the filler H is laid on the wrapper. The apron E is then lapped over, Fig. 3, and the shaper D put in place, after which the handle F is drawn in the direction indicated by the arrow in Fig. 3, whereby the cigarette is rolled.

The rods C are readily secured in place by laying said rods on the cushion B and then driving staples I into the cushion, so as to cause said staples to engage and hold the rods.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, in a cigarette-machine, of the board having a cavity, the concave elastic cushion in the cavity, the movable concave shaper guided along the board and projecting past the edges of the cushion to come to rest upon the board when unduly pressed downward, and the apron attached to the board at one end and having its opposite end free and unattached and adapted to be drawn lengthwise beneath and in contact with the shaper toward the attached end of the apron, substantially as described.

2. The combination, in a cigarette-machine, of the board having a cavity, an elastic cushion fitting the cavity, the parallel guide-rods, the shaper traveling on the guide-rods, and the apron attached at one end and having its opposite end free and carrying a handle for drawing such end lengthwise beneath and in contact with the shaper toward the attached end of the apron, substantially as described.

3. The combination, in a cigarette-machine, of the board having a concave elastic cushion, the yielding parallel guide-rods overhanging the cushion, the shaper traveling on the guide-rods and extending past the edges of the cushion to come to rest on the board when unduly pressed downward, and the apron attached at one end and having the opposite end portion free and unattached and adapted to be drawn lengthwise under the shaper toward the attached end of the cushion, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

SAMUEL PRAGER.

Witnesses:

WM. C. HAUFF,
E. F. KASTENHUBER.