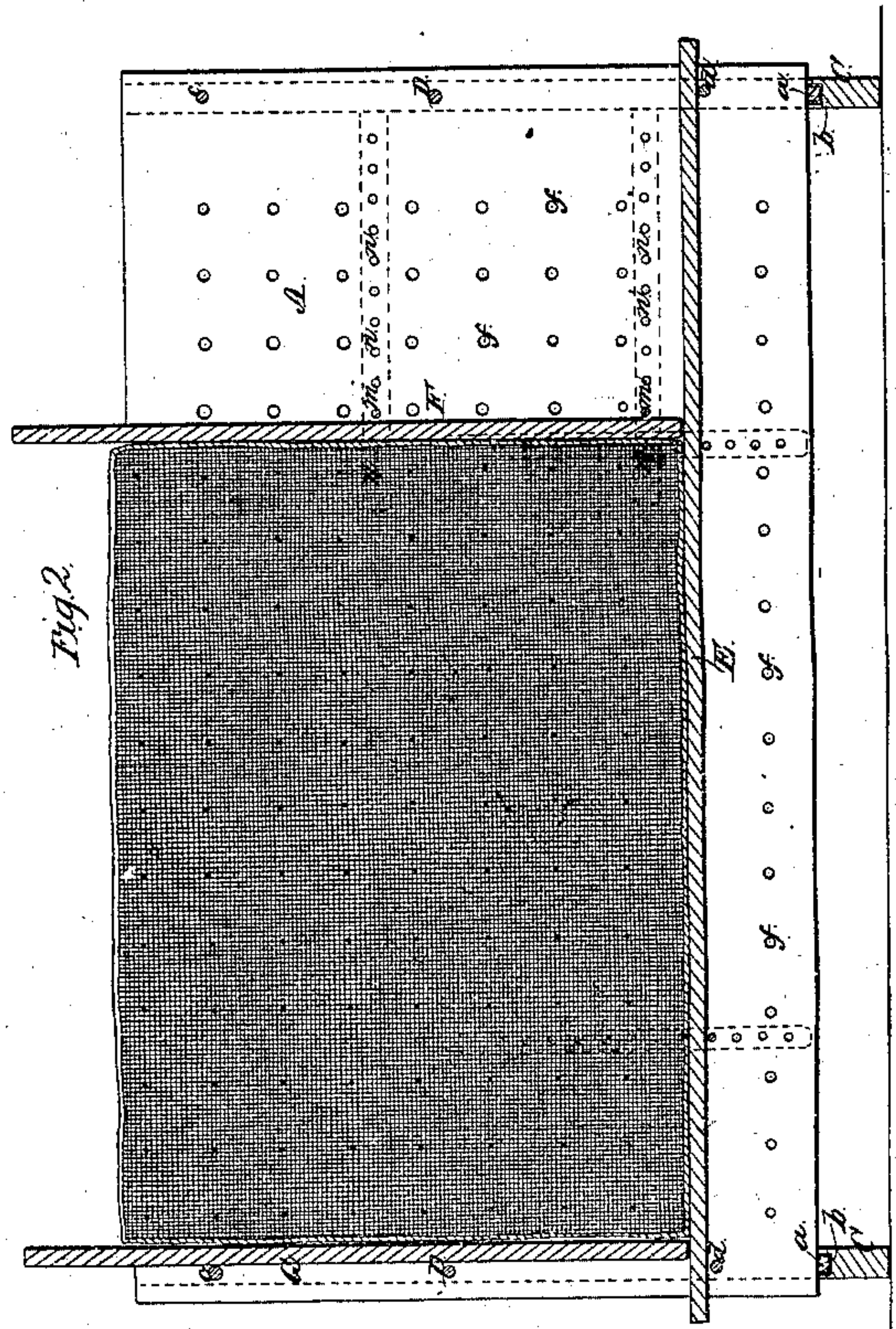
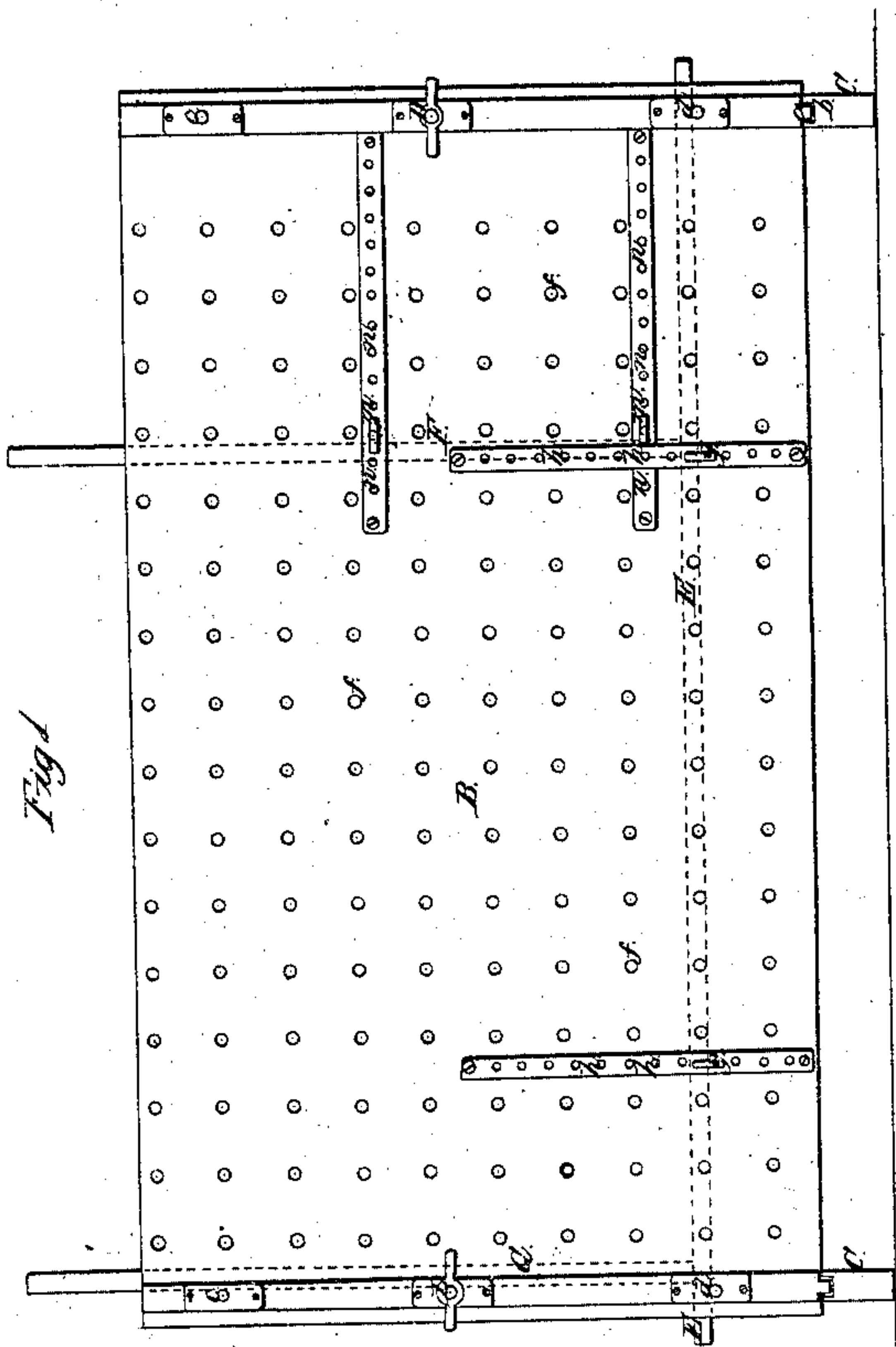
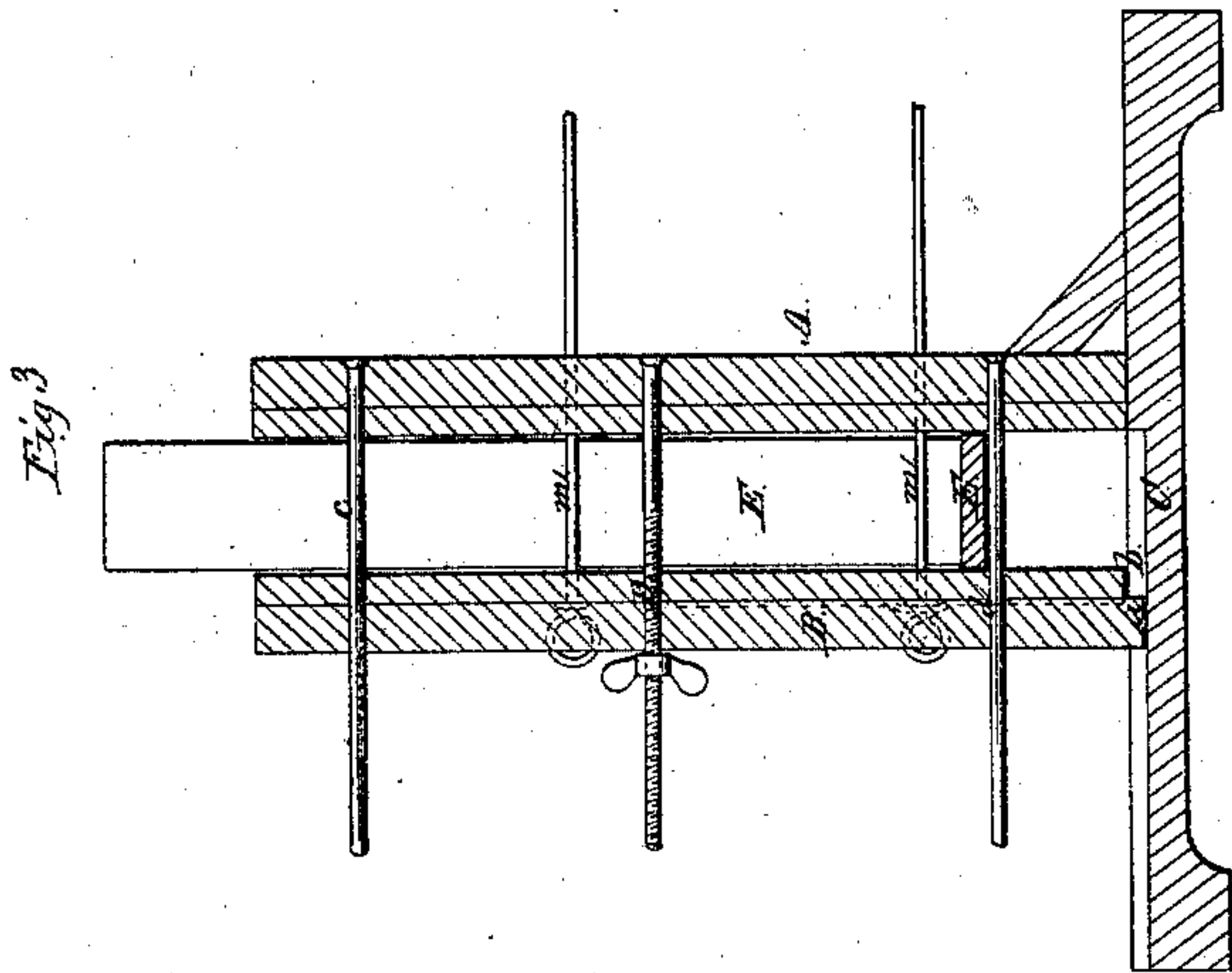


J. Pigot,

Unholstering Machine,

Nº 10,966.

Patented May 23, 1854.



UNITED STATES PATENT OFFICE.

JAMES PIGOT, OF BROOKLYN, NEW YORK.

APPARATUS FOR MAKING PAILLASSES.

Specification of Letters Patent No. 10,966, dated May 23, 1854.

To all whom it may concern:

Be it known that I, JAMES PIGOT, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful machine for Making Paillasses; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an external side elevation of the machine. Fig. 2, is a vertical longitudinal section of the same as it appears when a paillasse is being made in it. Fig. 3 is a vertical transverse section of machine.

Similar letters of reference in each of the several figures indicate corresponding parts.

This invention relates to a new and useful machine for making paillasses, the said machine consisting of an oblong frame or box of the same shape as the article being produced, the ends of this box being made adjustable longitudinally and the bottom being adjustable vertically and one of its sides being adjustable laterally, the object of said adjustments being to accommodate the machine to the various sized paillasses required to be made in it, the ends and bottom of the box being also susceptible of removal when it is desired to insert narrower or wider ones, so as to make thicker or thinner paillasses in the same machine, and the sides of the box or frame being set off with holes for the thread carrying the tufts to pass through, back and forth until the two sides of the tick are tacked together and the straws, which are placed transversely to each other, secured permanently in their place. By this arrangement it will be seen that any sized paillasse can be made in the one machine and that each one will be properly shaped and the tufting executed in the most perfect and accurate manner, all being the same distance apart, and further as the straw can by this arrangement be more easily and speedily inserted into the tick in a transverse manner, the paillasses can all be thus stuffed and consequently will be made to retain their shape much longer and present a much evenner and neater appearance than those made by hand in the ordinary way, they being now stuffed while laying upon the floor, and the tufts put on without any guide but the eye and hand of the maker. The straw is inserted in all

directions and the sides of the tick sewed together and the tufts fastened on at certain distances apart without any sure guide and the paillasses consequently when completed do not present so even and fine a finish as those produced by my machine.

To enable others skilled in the art to make and use my invention I will proceed to describe its construction and operation.

A, B, represent the two sides of the box—that A, being stationary while that B, is adjustable, its lower edge *a*, moving in the groove *b*, in the top of the sills or platform C, C, as seen in the drawing. The side B, is adjusted to suit thick and thin paillasses by means of the set screws D, D, the rods *c*, *d*, sustaining and uniting the side B to that A, and also serving for B, to slide back and forth upon when operated by the set screw. These sides are set off with holes *f*, *f*, for the tufts to pass through when it is desired to secure the straw in its place inside the tick; these holes are set at equal distances apart and guide the distance apart of the tufts; and as they are cut over and through the entire surface of the sides A, B, any sized paillasse may be set off with tufts in the same machine; this is an important idea.

E, is the bottom of the box; it rests loosely upon the adjusting pins *g*, *g*, which pass through the two sides of the box, and connect them together. This bottom can be raised when it is desired to make a narrower paillasse by withdrawing the pins *g*, *g*, from the position shown in Figs. 1, and 2, and putting them through either of the holes *h*, *h*; as there is such a large number of these holes *h*, it must be evident that the bottom can be raised or lowered to suit circumstances. It can also be removed if it is necessary, so as to insert a narrower or wider one in its stead.

F, G, are the ends of the box—that G, being stationary for any desired length of time while that E, is adjustable; these ends F, G, rest on the bottom E, the latter being kept in place by the adjusting pins *m*, *m*; said pins fitting in the series of holes *n*, *n*, cut in the sides of the box and serving to adjust the end G—for by moving the pins *m*, *m*, from the holes which they occupy to either of the holes *n*, *n*, the length of the box will be increased or diminished according to the direction in which the end is moved. Thus it will be seen that paillasses of all lengths may be made in the one machine.

These ends can also be removed and wider or narrower ones substituted for them when it is desired to make thicker or thinner paillasses.

5 By examining Fig. 2, of the drawing, the operation of the machine and the manner in which the straw is inserted into the tick will be clearly seen, a tick being represented placed in the machine and packed or stuffed.

10 What I claim as my invention and desire to secure by Letters Patent, is—

Gaging the size, stuffing, shaping, tufting and finishing paillasses of different lengths, widths, and thicknesses, in a more perfect
15 manner than heretofore, by the employment of a frame, box or former, having one of its

sides B, made adjustable while its bottom E, and ends F, G, are adjustable and removable for the purpose of accommodating ticks of different lengths, widths, and thicknesses 20 and giving them the proper shape and finish. The sides of said box being set off with holes *f, f*, for guiding the tufting operation after the straw has been properly inserted into the tick and the whole being constructed ar- 25 ranged and operated in the manner herein described.

JAMES PIGOT.

Witnesses:

R. W. FENWICK,
S. V. COHEN.