

C. A. Siecke.

Packing Cigars.

N^o 78,142.

Patented May 19, 1868.

Fig. 3.

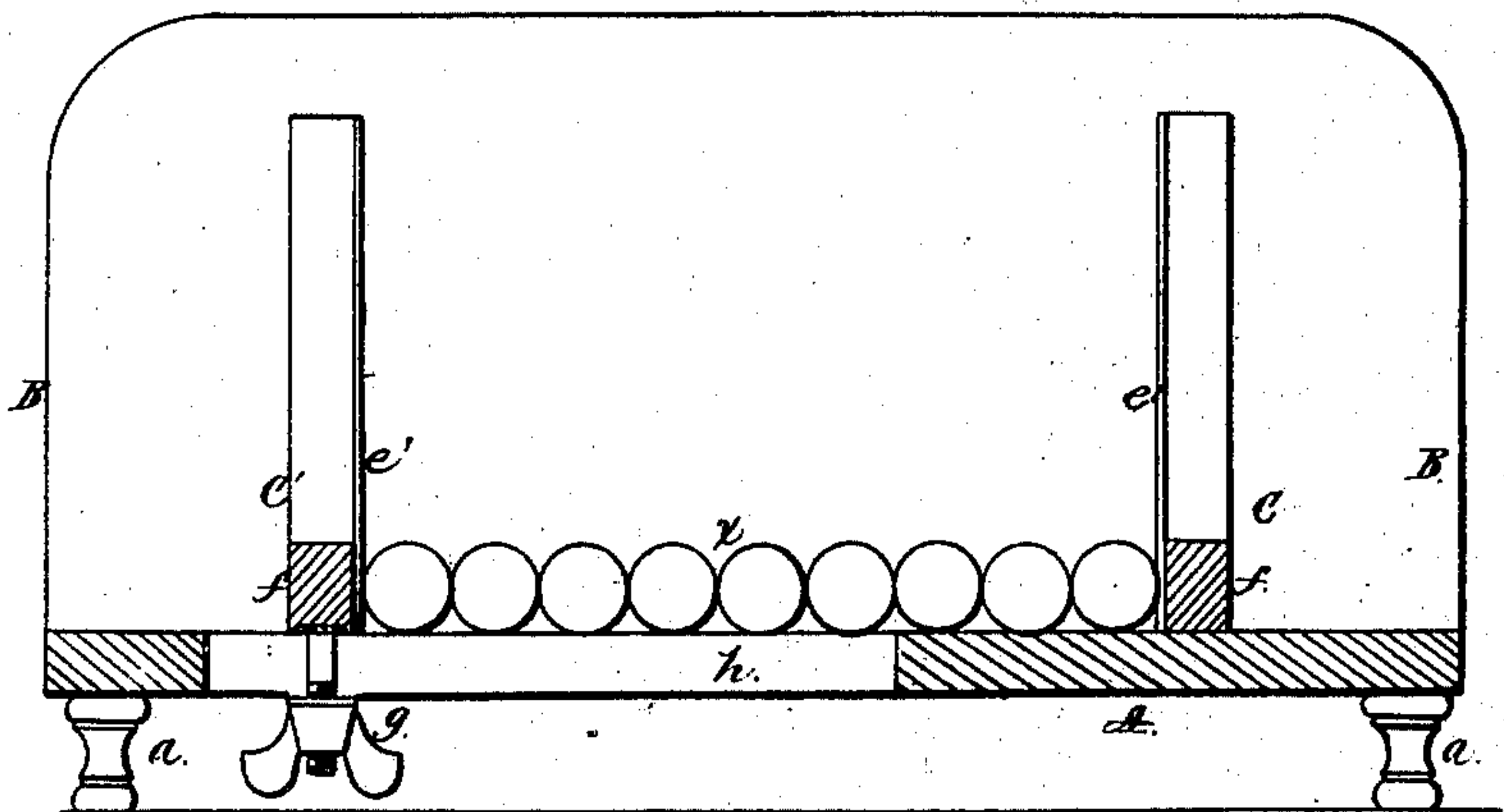


Fig. 4.

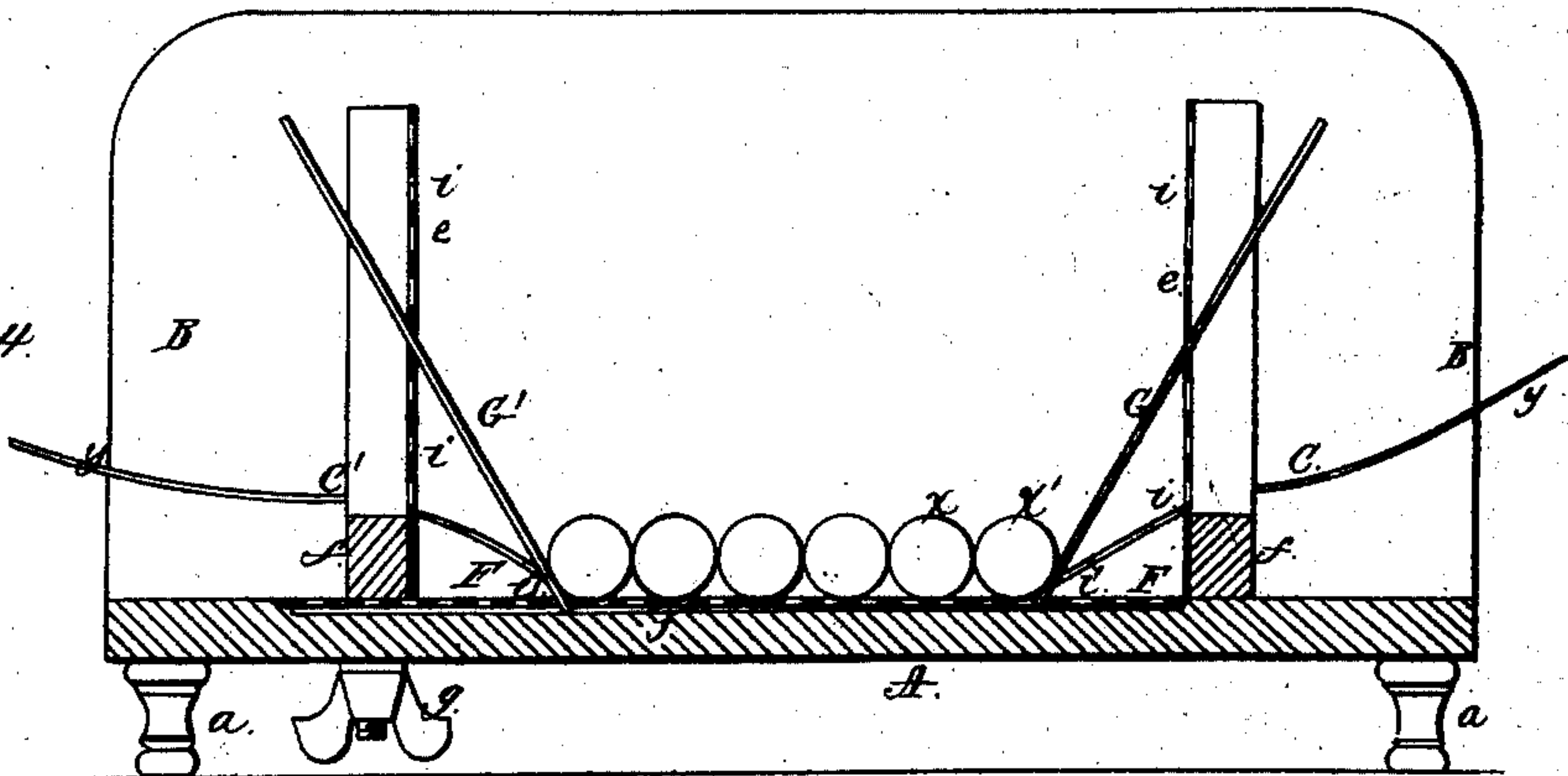


Fig. 1.

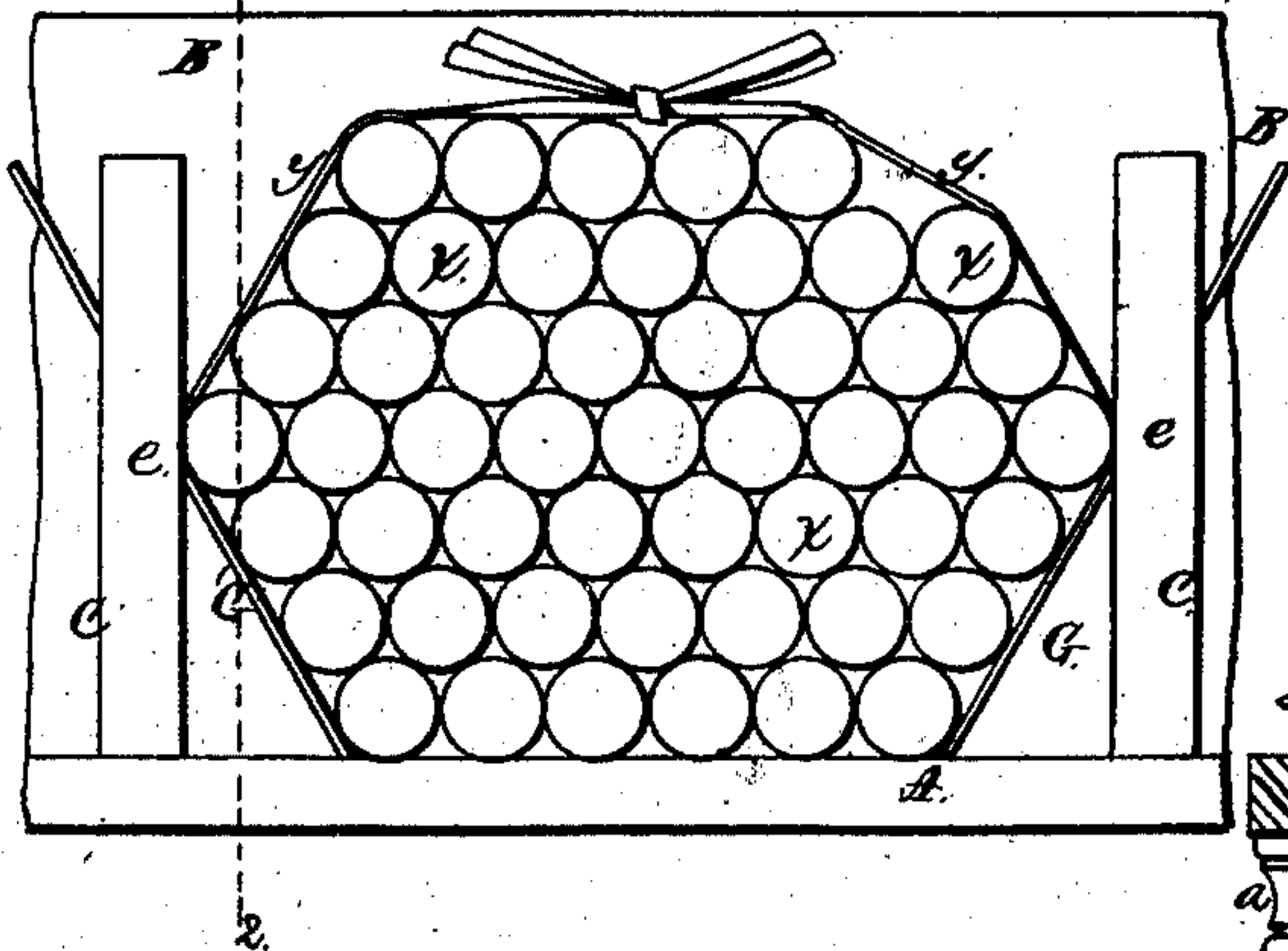
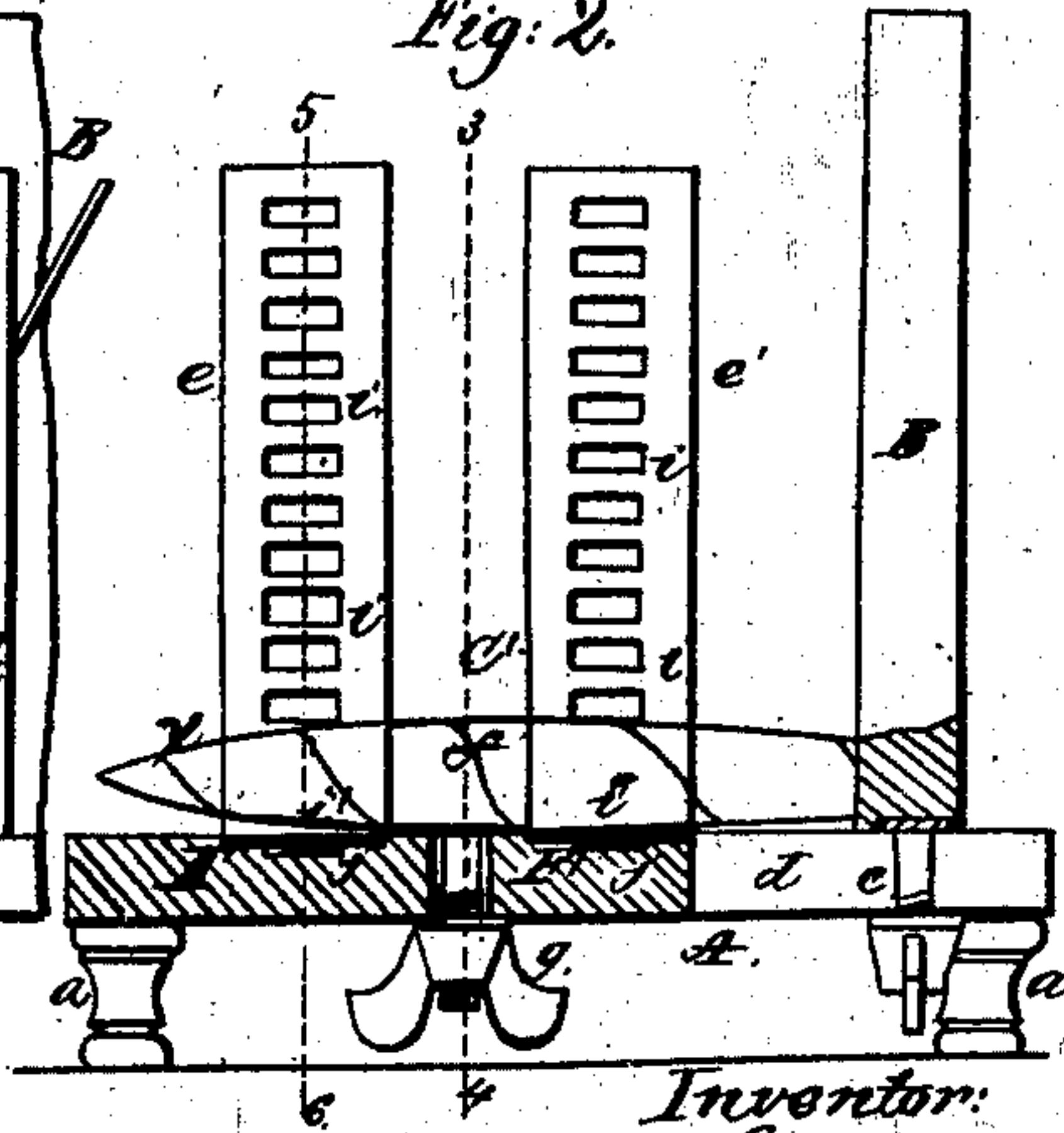


Fig. 2.



Witnesses:

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Inventor:

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By his Atty
H. H. Hinton

*The drawing in this patent
is not in print.*

United States Patent Office.

CHARLES A. SIECKE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 78,142, dated May 19, 1868.

APPARATUS FOR BUNDLING CIGARS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES A. SIECKE, of Philadelphia, county of Philadelphia, State of Pennsylvania, have invented certain Apparatus for Facilitating the Bundling of Cigars; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of apparatus, fully described hereafter, which can be readily adjusted for facilitating the packing together of cigars in bundles of different sizes, and containing different quantities of cigars.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a front view of my improved apparatus for facilitating the bundling of cigars.

Figure 2, a transverse sectional view of the same, on the line 1 2, fig. 1.

Figure 3, a sectional view, on the line 3 4, fig. 2.

Figure 4, a section, on the line 5 6, fig. 2.

Similar letters refer to similar parts throughout the several views.

The base, A, of the apparatus rests upon feet, *a*, and is provided with an adjustable back, B, arranged at right angles to the base, and secured to the same in any desired position by bolts and thumb-nuts, *c*.

A frame, C, consisting, in the present instance, of two vertical strips, *e* and *e'*, of thin metal, connected together at the bottom by a cross-piece, *f*, is permanently secured to the base, A, and a similar frame, C', is arranged to slide longitudinally upon the base, and towards or from the frame C, being secured in the position to which it is adjusted by a bolt and thumb-nut, *g*, passing through a longitudinal slot, *h*, of the base. (See figs. 2 and 3.)

In each of the strips, *e* and *e'*, of the frames C and C', are a number of holes, *i*, at equal distances apart, and of the shape best observed in figs. 2 and 4; and directly beneath these strips, and secured to and extending longitudinally across the base, A, are plates F and F', beneath which are grooves, *j*, in the base, and in each of the said plates are holes, *i'*, at equal distances apart, and corresponding in size and shape with the holes *i* of the strips *e* and *e'*.

Heretofore it has been customary, in packing cigars into bundles, to use a block of wood, in which are bored circular holes, in close proximity to each other, and corresponding, as regards number and arrangement, to the cigars of the desired bundle. The ends of the cigars are inserted into the holes in this block, and are bound together by a ribbon, and are then removed.

The objections to this plan are as follows: In the first place, it requires considerable time to insert the cigars into the several holes in the block; second, the ends of the cigars and the wrappers are apt to become cracked or broken during the operation, and to become further broken when, after removing them from the block, the cigars have to be moved endways, so as to make a uniform bundle; third, it is almost impossible to bind the cigars tightly unless they are uniform in shape, and of the exact size intended for the block; and, fourth, as cigars are tied in bundles of twenty, twenty-five, fifty, and a hundred, and vary greatly in thickness, a separate block must be provided for different bundles, and for cigars of different sizes.

A stand or box, open at the top and at one side, has also been used; but this arrangement is open to many of the above objections, which I propose to obviate by the use of my improved apparatus, the mode of operating which I will now proceed to describe.

Let it be supposed that in the present instance the cigars are to be packed in bundles of fifty. The workman first so adjusts and secures the back, B, of the apparatus, that, when a cigar is laid upon the base, A, its end resting against the back, the thickest part of the cigar will be between the strips *e* and *e'*, of the frames C and C', as shown in fig. 2.

In a bundle of fifty cigars, arranged as shown by the red lines, *x*, fig. 1, there are nine cigars extending across the widest portion of the bundle, and, before adjusting the movable frame, C', this number of cigars is

laid upon the base, A, as shown in fig. 3. The frame, C', being then moved towards the stationary frame C, and secured to the base by its thumb-nut, g, when it is brought to such a position as to allow no more than the nine cigars to lie upon the base between it and the frame, C.

After securing the adjustable frame, three of the cigars are removed, and the remaining six (the number occupying the bottom row in fig. 1) are moved to a position midway between the opposite frames, C and C', as shown in fig. 4.

The height from the base, A, of the widest row of the bundle, in fig. 1, having been determined, a flat rod, G, is inserted at about that height into one of the holes, i, of each of the strips of the frame C, the ends of the rods being also inserted into those holes, i', of the plates F and F' which are nearest to the cigar, x', in fig. 4.

Two rods, G', are also inserted through the holes, i and i', of the adjustable frame and plates F and F', at an angle corresponding to that of the rods G.

The apparatus having been thus properly adjusted, a ribbon, y, shown in blue lines, figs. 1 and 4, is laid upon the base, A, between the strips e and e' of each of the opposite frames, the cigars being then placed in rows, as shown in fig. 1, and being so guided by the rods G and G' and frames C and C', that no more or less than the proper number can be placed in the bundle.

After the bundle has been arranged, as shown in fig. 1, it is bound together by the ribbon and removed preparatory to the formation of a second bundle.

It will be seen, without further description, that the above apparatus can be readily adjusted for facilitating the packing together of cigars of different sizes, and in bundles containing different numbers.

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

The base, A, back B, permanent frame C, and adjustable frame C', in combination with the adjustable rods G and G', or their equivalents, the whole being constructed and arranged substantially as and for the purpose herein set forth.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES A. SIECKE.

Witnesses:

JOHN WHITE.

C. B. PRICE.