

No. 627,798.

Patented June 27, 1899.

J. C. BRIGGS.

STOGIE OR CIGAR ROLLING MACHINE.

(Application filed Mar. 31, 1898.)

(No Model.)

2 Sheets—Sheet 1.

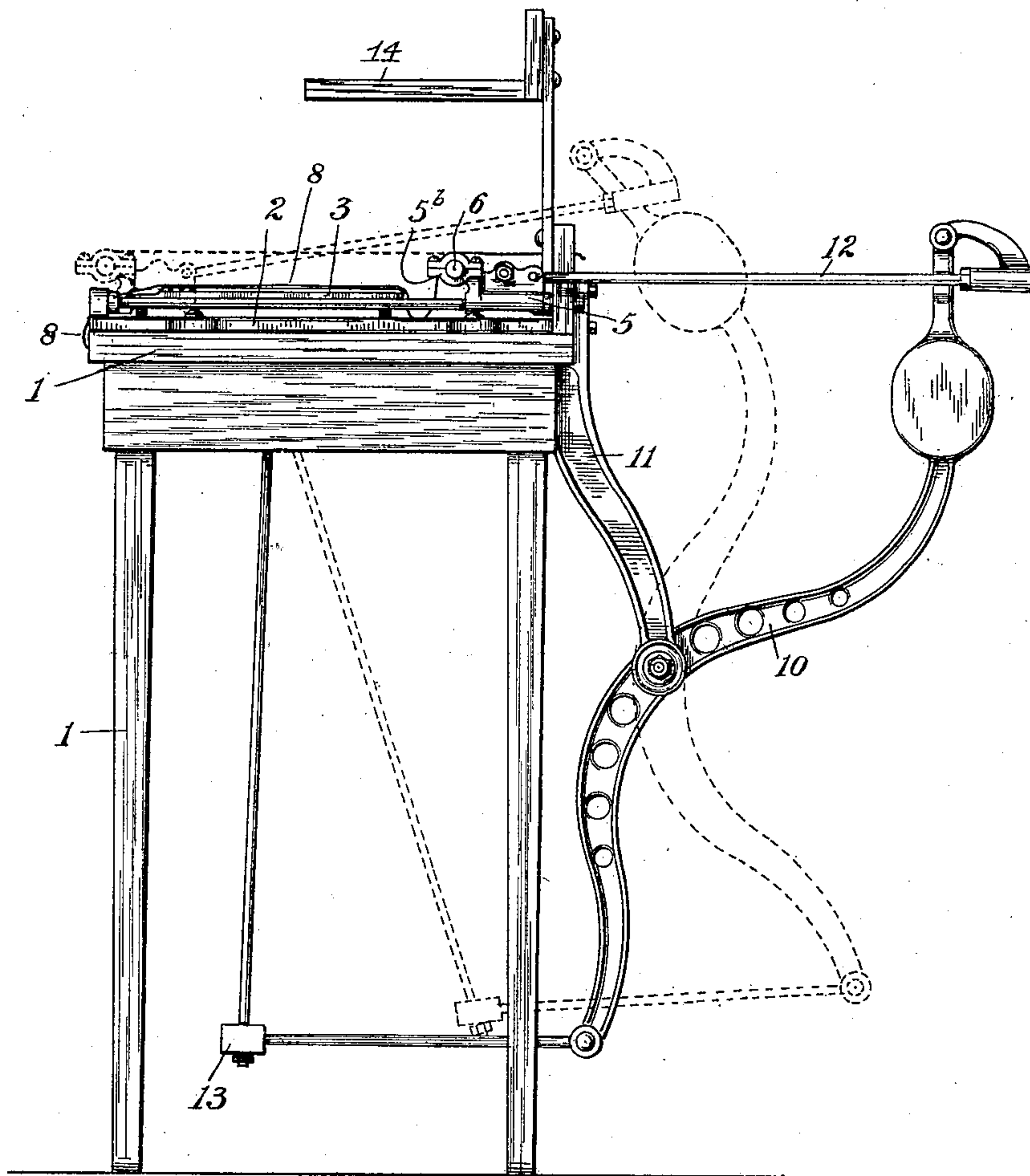


Fig. 1

WITNESSES:

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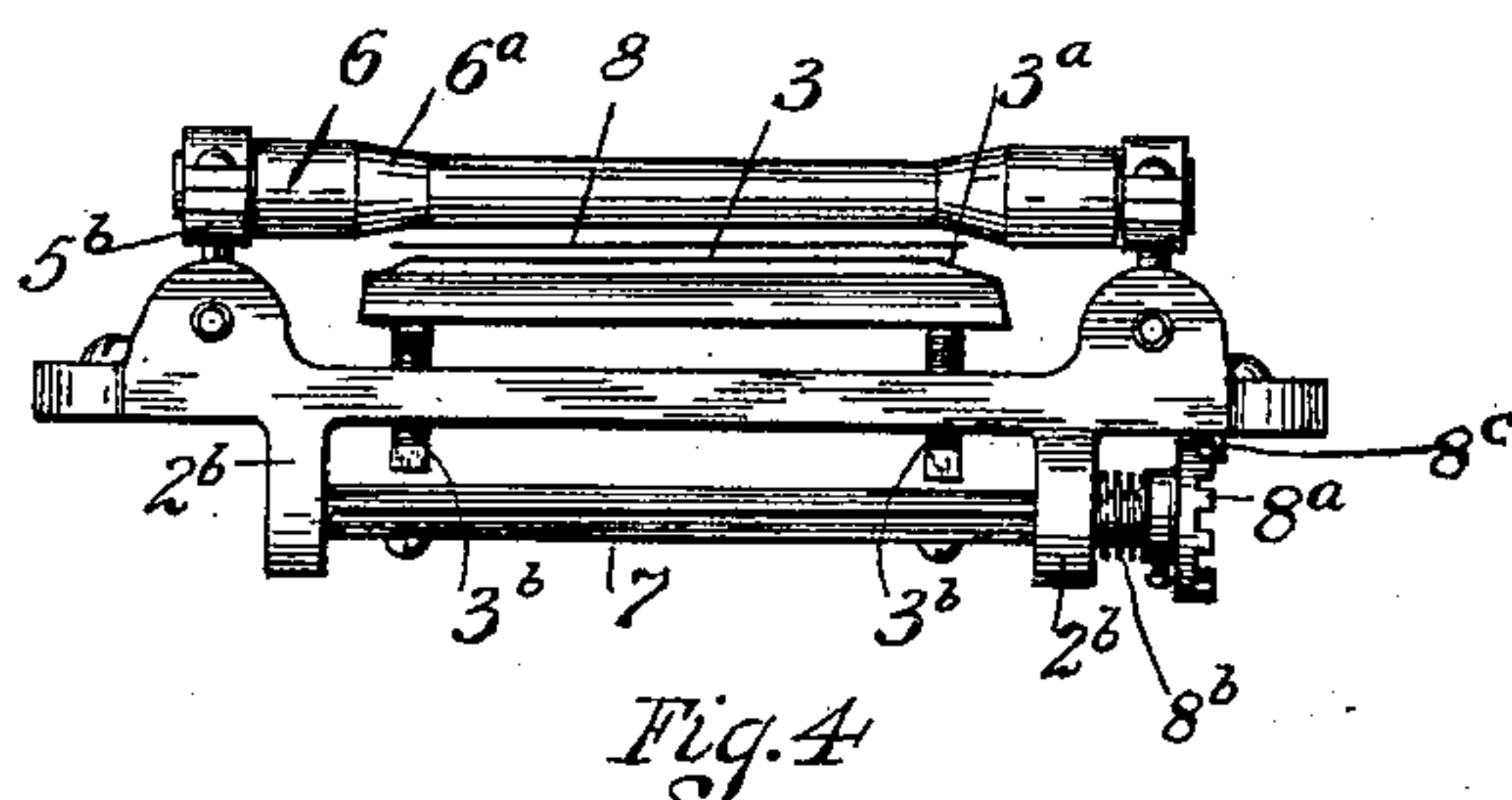
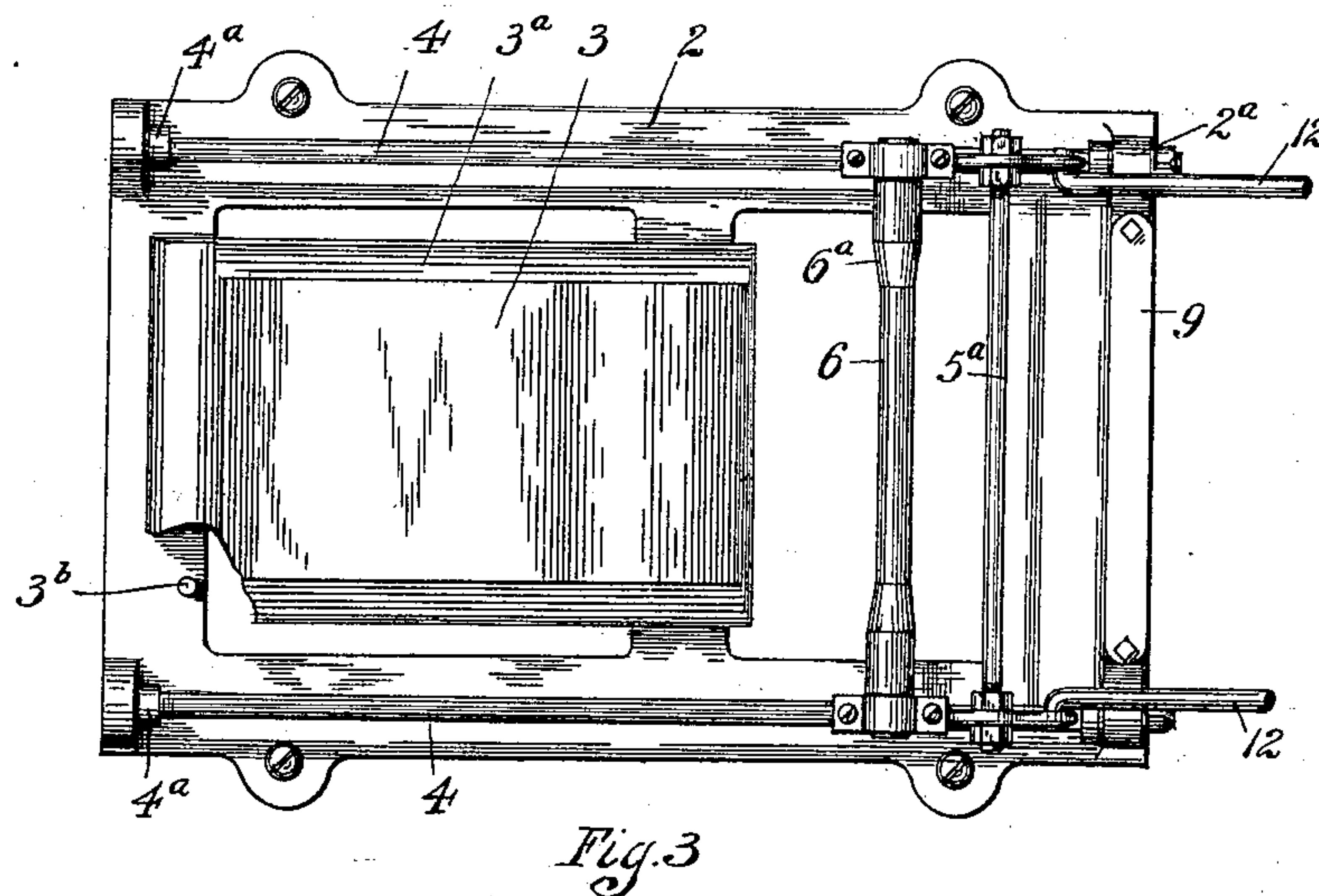
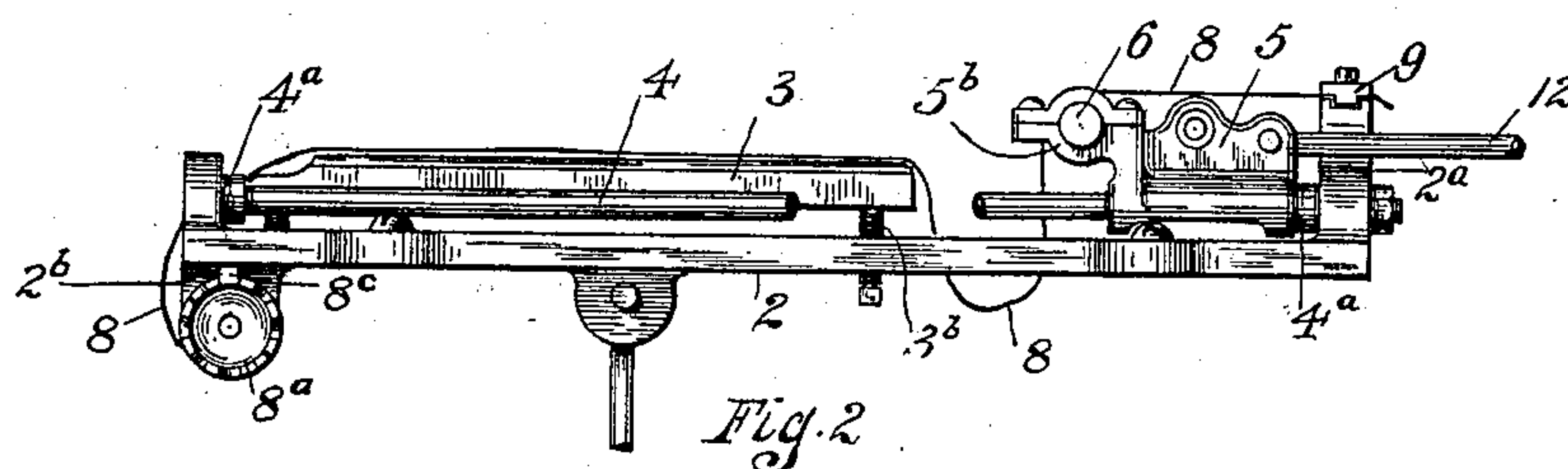
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(Application filed Mar. 31, 1898.)

(No Model.)

2 Sheets—Sheet 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JEROME C. BRIGGS, OF COLUMBUS, OHIO.

STOGIE OR CIGAR ROLLING MACHINE.

SPECIFICATION forming part of Letters Patent No. 627,798, dated June 27, 1899.

Application filed March 31, 1898. Serial No. 676,023. (No model.)

To all whom it may concern:

Be it known that I, JEROME C. BRIGGS, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Stogie or Cigar Rolling Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my present invention is to provide an improved machine designed more especially for the manufacture of long-filler stogies and cigars.

My invention consists of the improved details of construction and combination of parts hereinafter set forth and claimed.

In the accompanying drawings, Figure 1 is a side elevation. Fig. 2 is a side view of the table on a larger scale. Fig. 3 is a top plan view, the apron or web being omitted; and Fig. 4 is a front view.

1 designates the table, the top of which is supported by the legs, of such a height that the operator may use the machine in a sitting posture. To the top of the table is screwed a metallic frame 2, in which is supported a horizontally-arranged bed-plate 3. The lateral edges 3^a of the bed-plate are beveled and the front and rear are preferably rounded, as indicated. The bed-plate is also adjustable vertically on the ends of four set-screws 3^b, passed through cross-bars in the frame 2. Along the opposite sides of the frame 2 are secured track bars or ways 4 parallel to each other, with elastic cushions 4^a at either end, and the side pieces 5 of a carriage are supported and slide upon these ways or bars. The runners containing the bearings of these side pieces of the carriage are made long with the bearings at each end, as shown, to prevent tilting and insure direct and steady movement of the carriage in its reciprocations. The side pieces of the carriage are held in vertical and parallel positions by means of a tie-bolt 5^a, and at the front are bearings 5^b for a roller 6. This roller is made of smaller diameter along its middle portion than at its ends and is beveled or tapered, as shown at 6^a, where it overlies the beveled edge of the bed 3. The rear edge of the frame is formed

with an upwardly-projecting wall 2^a, the upper edge of which is about in the same horizontal plane as the upper surface of the roller 6. Supported in downwardly-projecting ears 2^b at the under side of the front of the metallic frame 2 is a bar 7, capable of being turned in its bearings. Between its bearings this bar is split or made in two parts, which are clamped together by means of set-screws; so as to receive and tightly hold the front end of the apron 8, and in order that said bar may be adjusted to shorten or lengthen the apron the end of the bar is furnished with a toothed wheel 8^a, capable of sliding longitudinally thereon, but rotating with said bar, said toothed wheel being held normally in engagement by means of a spring 8^b with a fixed tooth 8^c on the stationary frame 2.

The apron or web 8 referred to is tightly fastened at its rear end upon the upper edge of the wall 2^a (which is grooved along its upper edge) by means of a tongued bar 9, that is held down by screws entering the said wall 2^a.

The web or apron 8 extends nearly across the bed-plate 3, as shown in Fig. 4, and is of such length that it may be depressed between the roller 6 in its rearmost position and the rear edge of the bed-plate 3 to form a pocket into which the filler for the cigar or stogie is placed.

The carriage containing the roller 6 is reciprocated by means of a lever 10, fulcrumed in a bracket 11 at the rear side of the table, the carriage being connected by means of rods 12 to the upper end of said lever and said lever having a treadle-frame 13 connected to its lower end to be moved by the foot of the operator.

In practice the operator places the filler in the pocket heretofore referred to and then lays the piece constituting the wrapper diagonally on the apron or web, when a forward movement of the carriage rolls the filler in the wrapper, giving the stogie its proper form.

For the convenience of the operator a table 14 to contain the filler or both filler and wrappers may be provided.

I am aware of the patent granted M. A. Winget August 28, 1888, No. 388,802, and hence do not claim anything therein shown or described, it being my aim to obtain an improved construction of parts constituting

a machine whereby a long-filler stogie or cigar may be made complete by a single operation of a machine.

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

In a machine for making cigars, the combination of frame 2, track-bars 4 secured to said frame, bed-plate 3 and adjusting-screws 3^b supporting the same, wall 2^a on the rear of frame 2, bar 9 with means for securing the same to wall 2^a, ears 2^b on the front of frame 2, bar 7 rotatable in ears 2^b, toothed wheel 8^a slidable longitudinally on bar 7, fixed tooth 8^c on frame 2, spring 8^b normally holding the wheel engaged with the tooth, apron 8 having

one end secured between wall 2^a and bar 9 and its other to the rotatable bar 7, the carriage comprising side pieces 5 having elongated bearings to engage track-bars 4 and also having the bearings 5^b, a bar or rod 5^a connecting the side pieces, the roller 6 journaled in bearings 5^b, and means for moving the carriage, all substantially as shown and for the purpose described.

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

JEROME C. BRIGGS.

Witnesses:

GEORGE W. ALFRED,
GEORGE M. FINCKEL.