

No. 639,190.

Patented Dec. 12, 1899.

C. A. BAKER.

HEADER FOR CIGAR BUNCH ROLLING MACHINES.

(Application filed Oct. 26, 1896. Renewed Apr. 14, 1899.)

(No Model.)

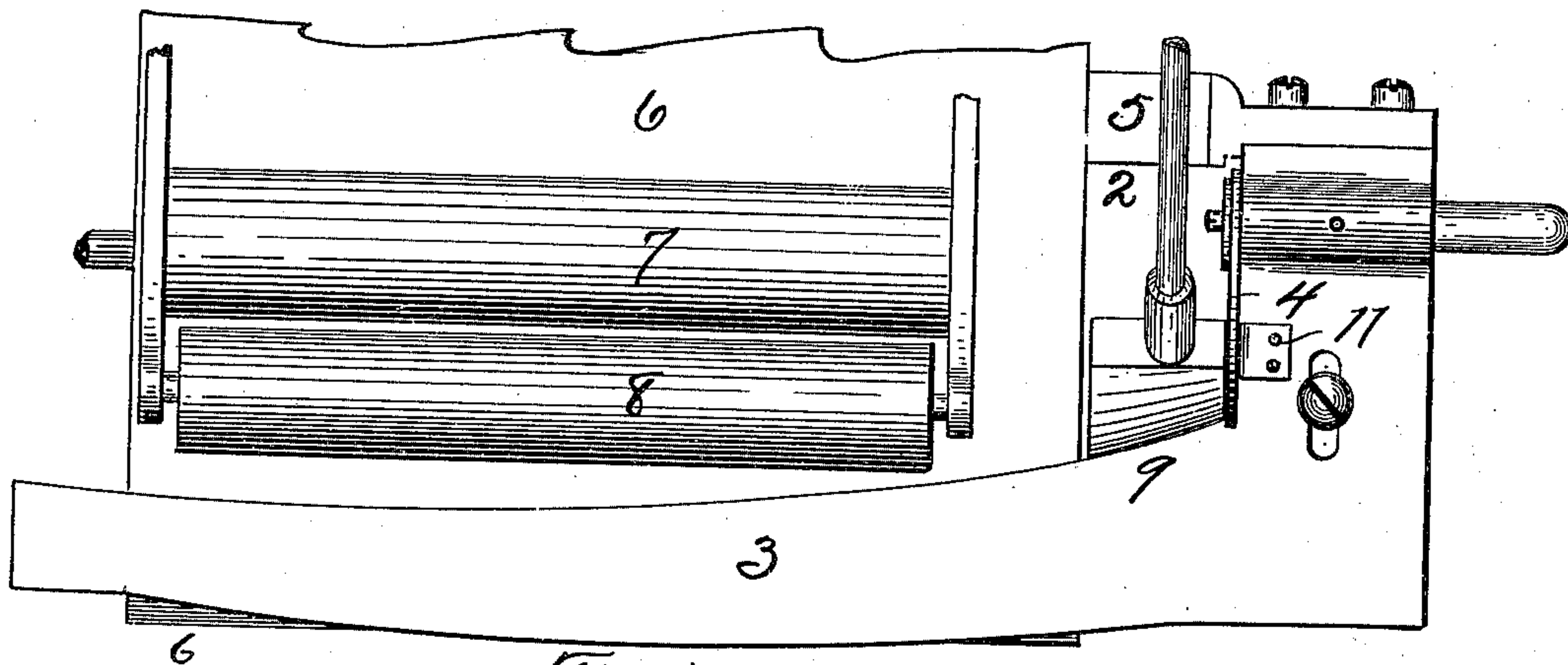


Fig. 1.

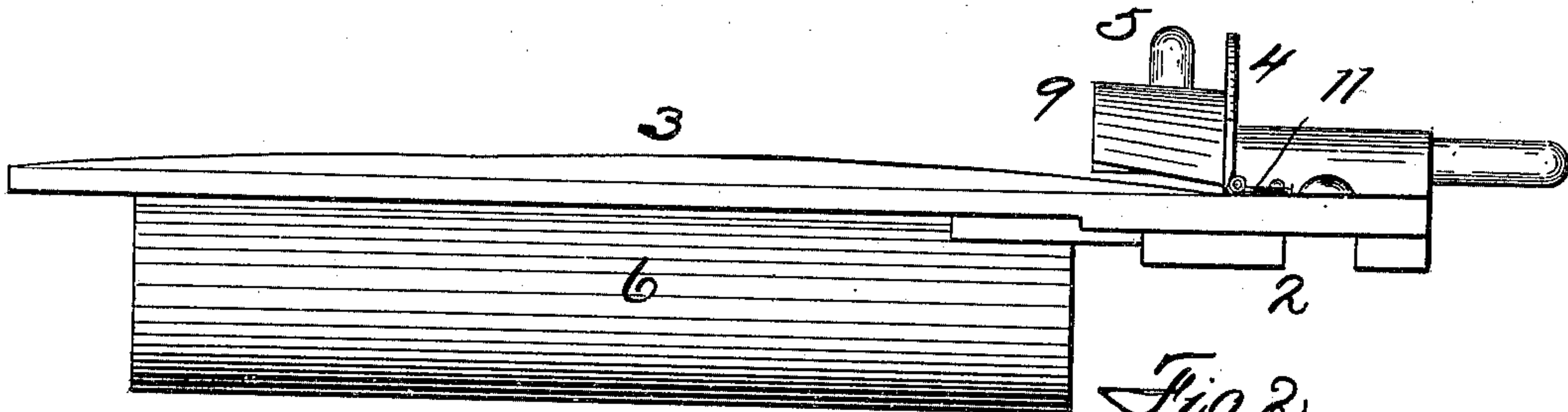


Fig. 2.

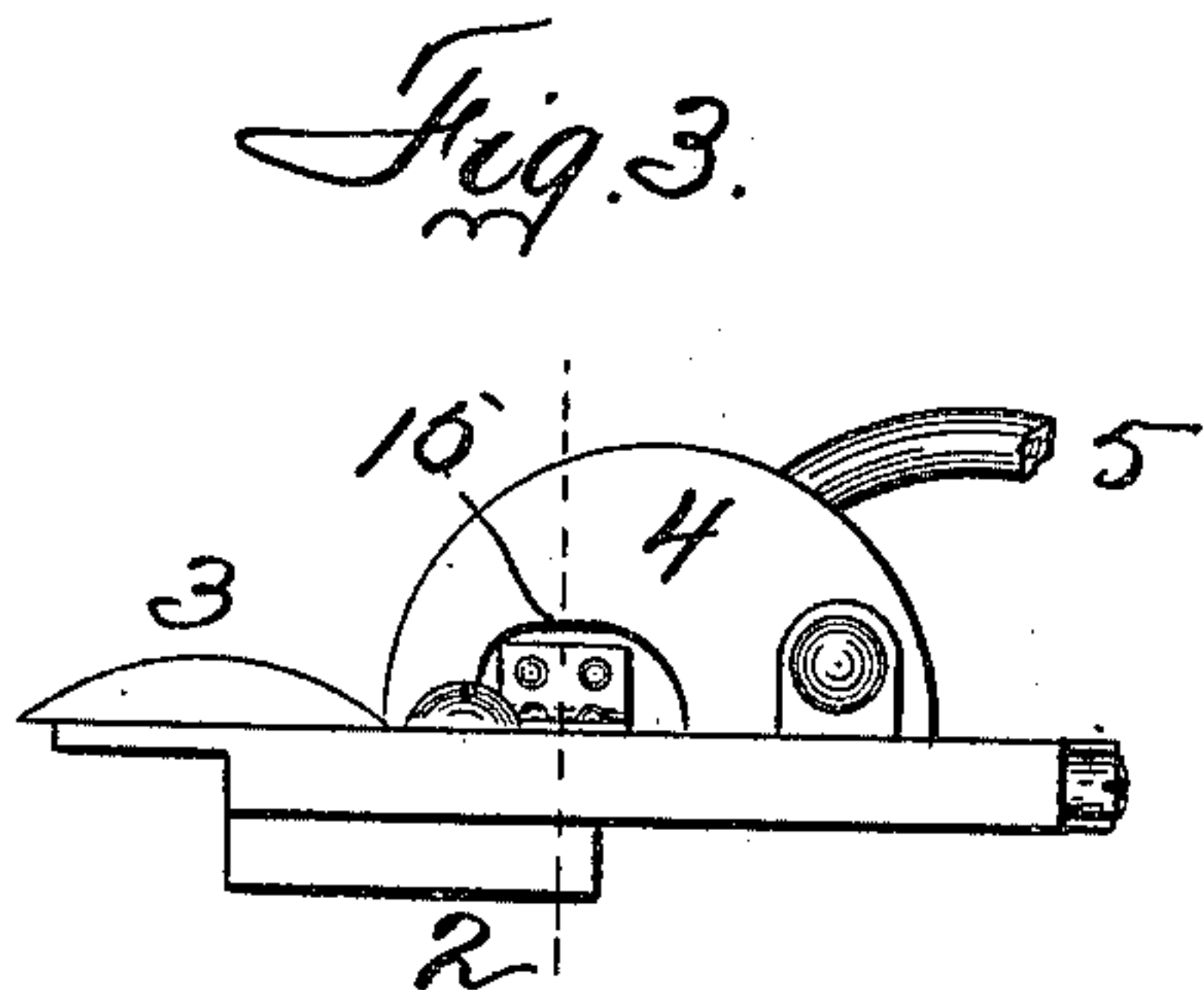


Fig. 3.

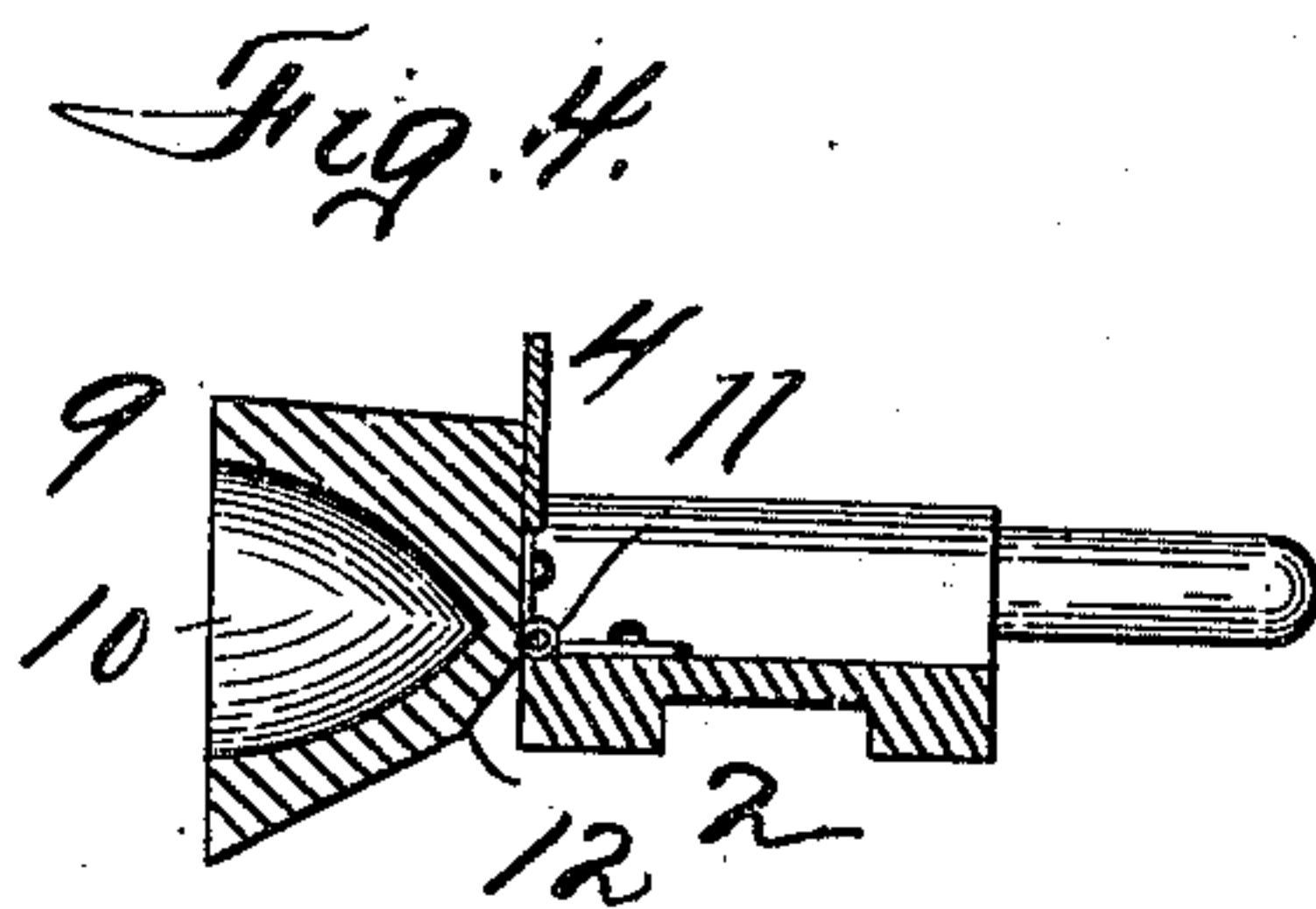


Fig. 4.

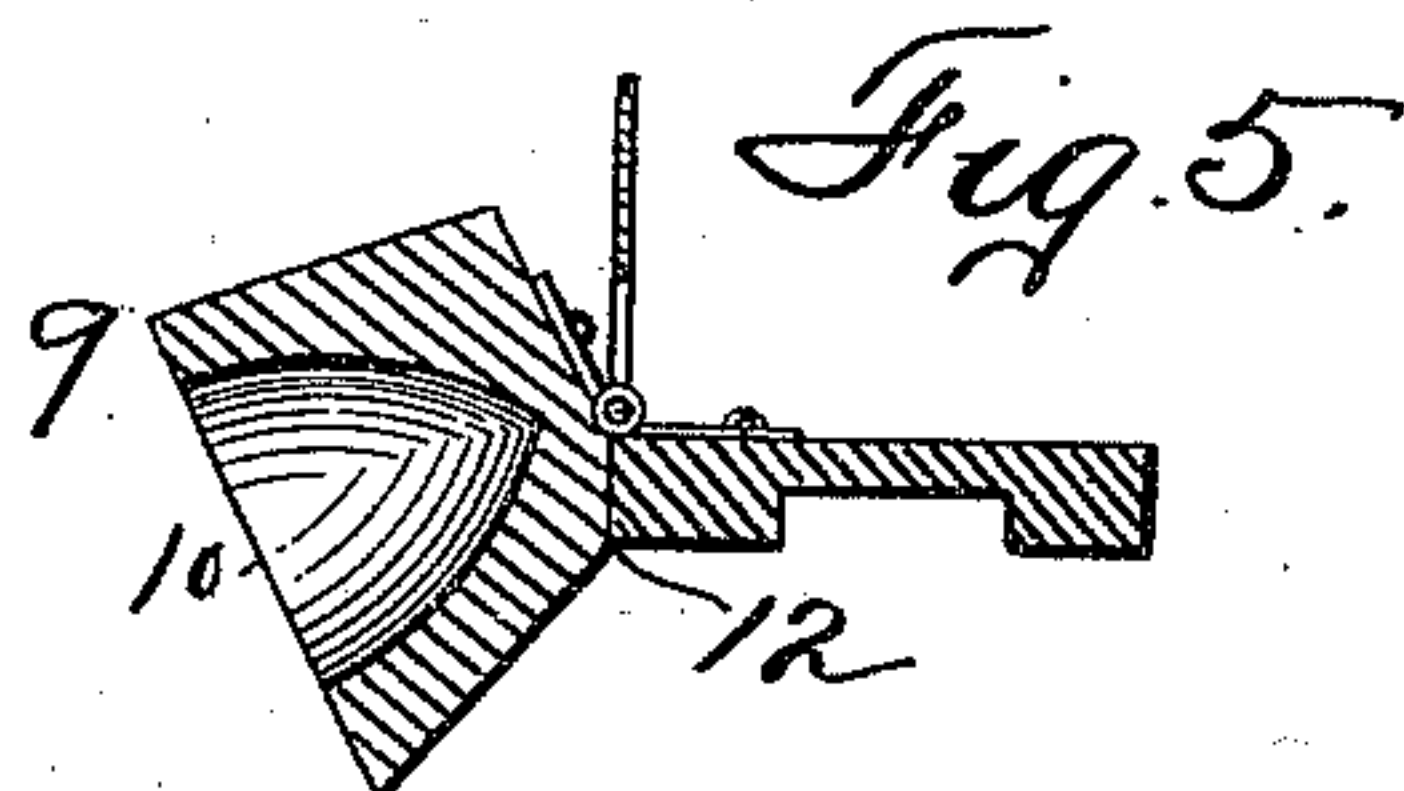


Fig. 5.

WITNESSES:
Chas. Marvin
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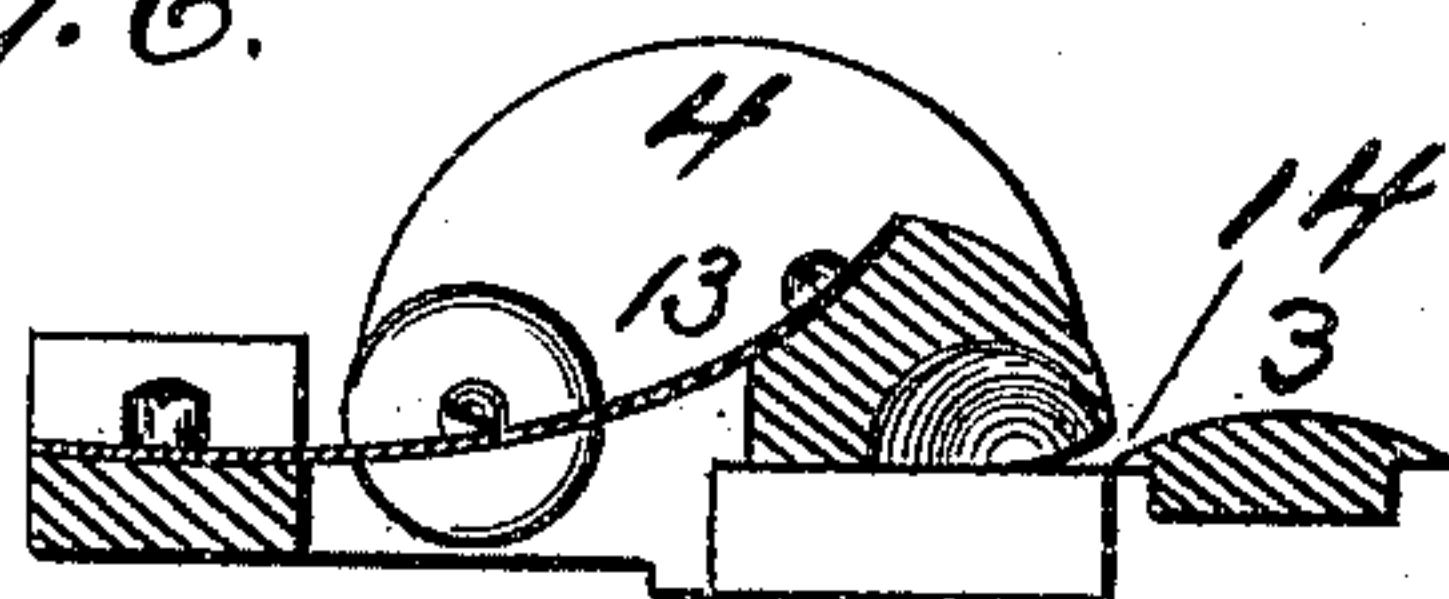


Fig. 6.

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UNITED STATES PATENT OFFICE.

CHARLES A. BAKER, OF BINGHAMTON, NEW YORK.

HEADER FOR CIGAR-BUNCH-ROLLING MACHINES.

SPECIFICATION forming part of Letters Patent No. 639,190, dated December 12, 1899.

Application filed October 26, 1896. Renewed April 14, 1899. Serial No. 713,064. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BAKER, of Binghamton, in the county of Broome, in the State of New York, have invented new and
5 useful Improvements in Headers for Cigar-Bunch-Rolling Machines, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

10 My invention relates to cigar-bunch-rolling machines, and particularly to headers therefor.

My object is to provide a machine of that class with an oscillatory header adapted to
15 be used either by its own gravity alone or in conjunction with a spring to increase the force exerted both by yielding to shape the head of a bunch while it is being rotated by a bunch-rotating mechanism to roll it into the
20 wrapper and also to finish the head and its tip.

In the accompanying drawings my header is shown as applied to a machine of the class shown in the patent, No. 535,048, granted
25 March 5, 1895, to Bunn, Baker, and Keyes; but this is for illustration only, as it can be applied to any machine employing a bunch-rotating mechanism in conjunction with a header.

Figure 1 shows a top plan of this header and sufficient of the adjacent parts to illustrate
30 the location, mounting, and operation. Fig. 2 is a front elevation thereof. Fig. 3 is an end elevation thereof. Fig. 4 is a longitudinal section thereof as when a bunch is inserted. Fig. 5 is a like view thereof in its normal
35 position with the bunch removed. Fig. 6 is a transverse section showing a spring connected to the header to increase the force exerted upon the head of the bunch.

The bed of the machine 2, the wrapper-stretcher 3, the wrapper-nicker 4 and its
40 mounting, the paste-pipe 5, the endless apron 6, rear roller 7, and presser-roller 8 are all here shown substantially the same as in said patent and do not in themselves constitute a part
45 of this invention.

The header 9 consists of a suitable block of metal provided with a suitable recess 10 to receive the head of a bunch, and it is suitably mounted upon the table, wrapper-stretcher,

or other part of the machine in suitable alignment with a bunch-rotating mechanism by means of a suitable hinge 11, so that it can freely turn, swing, or oscillate. It is transversely beveled or cut away, as at 12, to permit it to assume its normal position, as shown
50 in Fig. 5, and to exert the full force of its gravity upon the bunch, the insertion of which turns, swings, or oscillates it into substantially the position shown in Fig. 4. To increase this force, a suitable spring 13 is connected to the header and here shown as exerting its force downwardly. It will thus be seen that when the head of a bunch is inserted
55 into the header it will be tilted, turned, swung, or oscillated upward against the downward force of the weight or the weight and spring combined, so that thereby the rotating head will be smoothed and trued up both before
60 and after the wrapper is wound onto it, so that the tip will be smoothed, wound, pasted, nicked by the nicker, and completely finished in the header, all without requiring any rubbing or smoothing down by the fingers of the operator after the removal of the wrapped
65 cigar from the machine.

The header is provided with a slot 14, through which the wrapper is drawn to be wrapped onto the head. The nicker is also cut away, as at 15, to permit it to straddle the hinge.
70

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

1. In a cigar-bunch-rolling machine, a bunch-rotating mechanism, in combination with a pivoted header recessed interiorly and mounted so as to be oscillated or turned.
80 85

2. In a cigar-bunch-rolling machine, a bunch-rotating mechanism, in combination with an interiorly-recessed header to receive the head of a bunch, and mounted by a hinge-joint in alignment with the rotating mechanism, and normally out of its operative position.
90

3. In a cigar-bunch-rolling machine, an interiorly-recessed pivoted header normally out of operative position and adapted to be shifted
95 by the insertion of the head of a bunch thereinto.

4. In a cigar-bunch-rolling machine, an in-

teriorly-recessed header hinged normally out of operative position and adapted to be shifted into position, and to bear upon said head, while the bunch is being rotated by suitable means.

5 5. In a cigar-bunch-rolling mechanism, an interiorly-recessed oscillatory spring-pressed pivoted header normally out of operative position, and adapted to be shifted into position

by the insertion of the head of a bunch into said recess, and means to rotate said bunch.

In witness whereof I have hereunto set my hand this 9th day of October, 1896.

CHARLES A. BAKER.

In presence of—

MARY A. FRANKLIN,
HOWARD P. DENISON.