

No. 881,786.

PATENTED MAR. 10, 1908.

J. A. GARDENHIRE.
COPY HOLDER.

APPLICATION FILED OCT. 13, 1906.

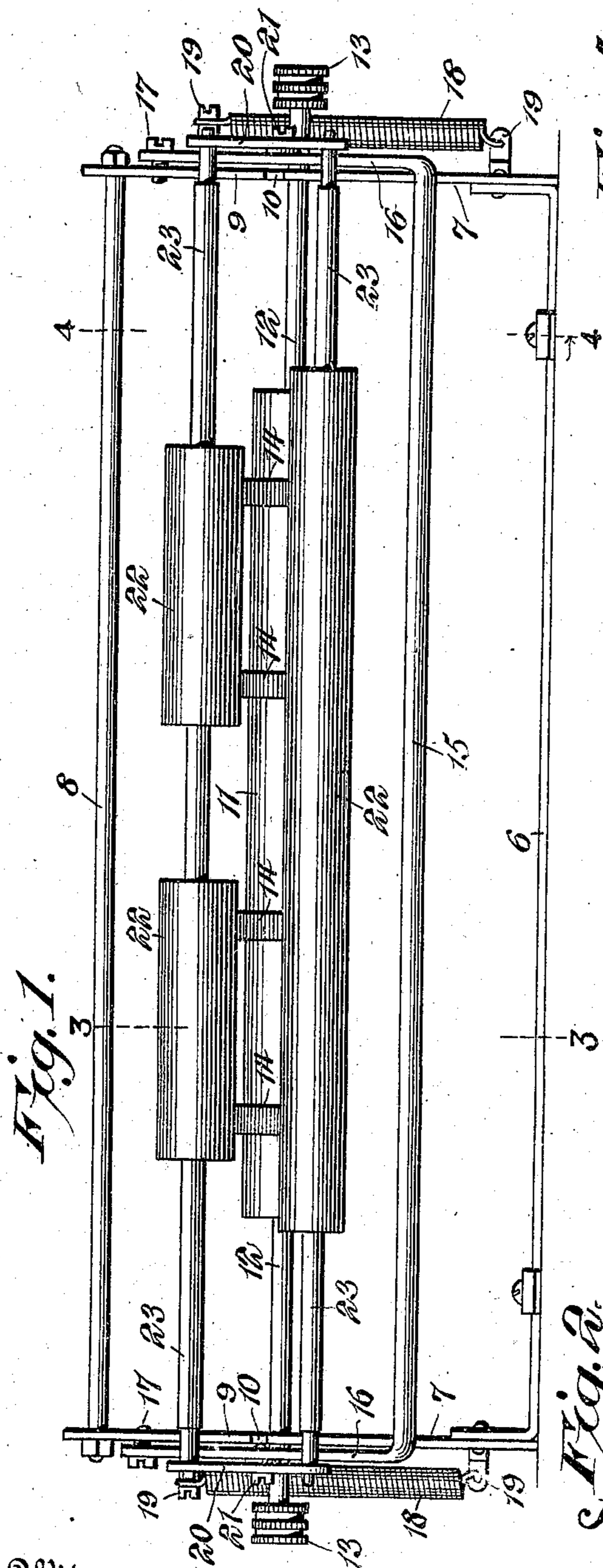


Fig. 1.

Witnesses
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Fig. 2.

Fig. 3.

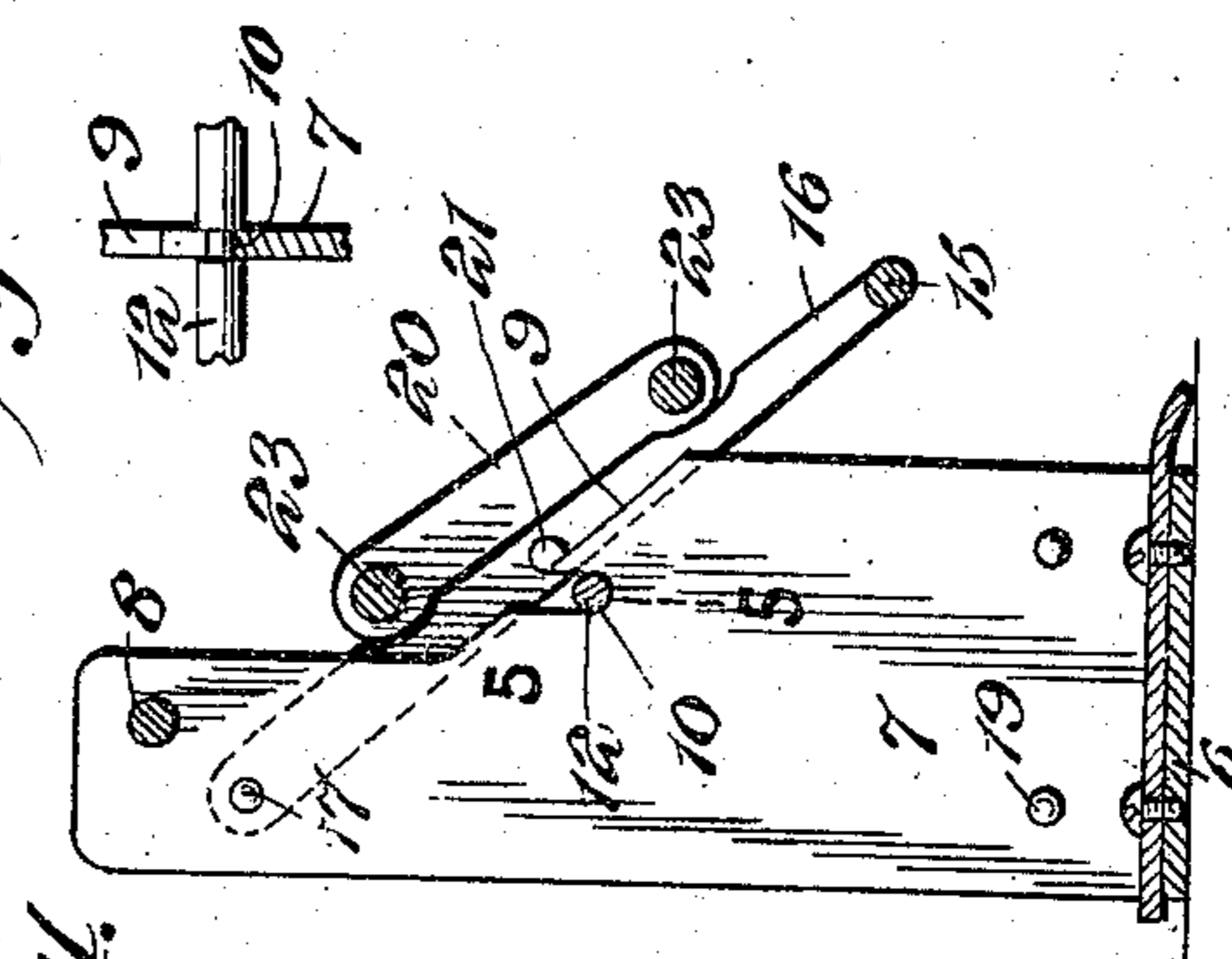


Fig. 4.

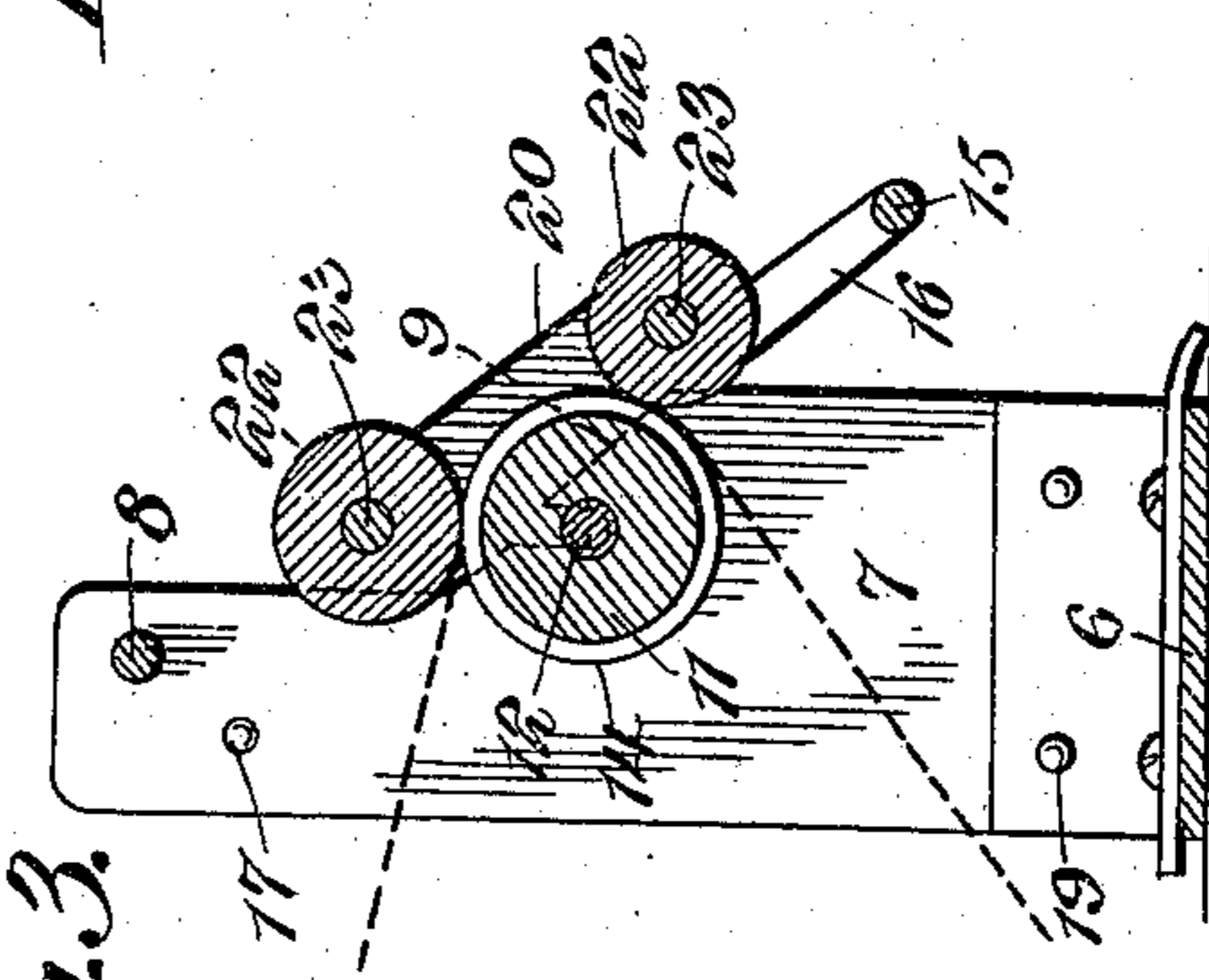


Fig. 5.

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COPY-HOLDER.

No. 881,786.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed October 13, 1906. Serial No. 338,792.

To all whom it may concern:

Be it known that I, JAMES ALEXIS GARDENHIRE, a citizen of the United States, residing at Nashville, in the county of Davidson and State of Tennessee, have invented a new and useful Copy-Holder, of which the following is a specification.

This invention relates to means for holding matter to be copied or transcribed on type-writing machines or the like, and one of the principal objects is to provide a novel, simple and inexpensive holder of the above character that can be employed in connection with different kinds of typewriters, can be placed on a table, desk, or other support having a flat surface, will properly hold sheets, either singly or in bulk, and is very convenient to operate.

The preferred form of construction is illustrated in the accompanying drawings, wherein—

Figure 1 is a side elevation of the holder. Fig. 2 is an end elevation of the same. Fig. 3 is a cross sectional view on the line 3—3 of Fig. 1. Fig. 4 is a cross sectional view on the line 4—4 of Fig. 1, and Fig. 5 is a detail sectional view on the line 5—5 of Fig. 4.

Similar reference numerals designate corresponding parts in all the figures of the drawings.

In the embodiment illustrated, a support is employed comprising a frame which consists of a base-plate 6, having at its ends upright standards 7, the upper ends of said standards being connected by a tie-rod or bolt 8. The said standards are provided between their ends with inclined edges 9 through which open the upper ends of seats 10. A feed roller 11 has gudgeons 12 journaled in the seats 10 and removable through the open ends thereof, the gudgeons projecting beyond the outer sides of the standards and having suitable actuating knobs 13. Spaced cushions, preferably in the form of rubber rings 14, are located upon the roller 11.

A carrier frame is employed comprising an actuating bar 15 that extends longitudinally of the roller 11 and has offset terminal arms 16 pivoted, as shown at 17, to the outer sides of the standards 7. Coiled springs 18 are connected, as shown at 19, to the arms and standards and serve to draw or urge the carrier frame toward the supporting frame.

Bearing elements in the form of plates 20 are pivoted between their ends, as shown at

21, to the arms 16 of the carrier frame, and rollers 22 have gudgeons 23 journaled in the plates 20 on opposite sides of their pivots 21. These rollers constitute presser devices which coöperate with the feed roller, and inasmuch as the bearing plates 20 are capable of pivotal movement upon the carrier frame, and the carrier frame is drawn toward the supporting frame by the springs 18, it will be evident that the rollers 22 will at all times bear with equal force against the roller 11.

In using the holder it may be placed upon the top of a desk, table, or other suitable surface, and the copy is passed around the feed roller in rear of the presser rollers 22, as indicated in dotted lines in Fig. 3. The space between the rollers 22 therefore constitutes a sight opening, and the lower roller, preferably continuous, as shown in Fig. 1, will indicate the line to be copied. By turning the knobs 13, the copy can be fed through the holder, as will be evident. To introduce said copy, it is only necessary for the operator to grasp the bar 15 and raise the carrier frame, thus moving the rollers 22 away from the roller 11 and permitting the ready introduction of said copy. In this connection it will be evident that the said rollers 22 can be moved a very considerable distance away from the roller 11, and this is important, as it permits the introduction of a comparatively thick body of leaves, as for instance the entire note book of a stenographer. Moreover, papers of considerable width can be inserted because of the length of the holder.

Another important feature resides in the fact that the rollers 22 will always coöperate and bear with equal force upon the copy, without regard to the thickness of the same.

From the foregoing, it is thought that the construction, operation, and many advantages of the herein described invention will be apparent to those skilled in the art, without further description, and it will be understood that various changes in the size, shape, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

1. In a copy holder, the combination with a supporting frame, of a roller journaled

thereon, a swinging carrier frame pivoted to the supporting frame, another roller coacting with the first-mentioned roller; and bearing elements for the second roller pivotally mounted on the carrier frame.

2. In a copy holder, the combination with a supporting frame, of a roller journaled thereon, a swinging carrier frame pivoted to the supporting frame, a spring connecting the frames for urging the latter toward the former, another roller coacting with the first-mentioned roller, and bearing elements for the second roller pivotally mounted on the carrier frame.

3. In a copy holder, the combination with a support, of a roller journaled thereon, spaced rollers coacting with the first mentioned roller, a common bearing element for the spaced rollers, and a swinging connection between the element and the support that permits the relative movement of said spaced rollers with respect to the first mentioned roller.

4. In a copy holder, the combination with a support, of a roller journaled thereon, spaced rollers coacting with the first mentioned roller, a common bearing element for the spaced rollers, a swinging carrier connection between the element and the support that permits the relative movement of said spaced rollers with respect to the first mentioned roller, and a spring for urging the carrier toward the support.

5. In a copy holder, the combination with a support, of a roller journaled thereon, a carrier movably mounted on the support, a bearing element movably mounted on the carrier, and a plurality of rollers journaled on the bearing element and coacting with the first-mentioned roller.

6. In a copy holder, the combination with a supporting frame, of a carrier frame pivoted thereon, bearing elements pivoted between their ends to the carrier frame, and rollers journaled on the elements on opposite sides of their pivots and coacting with the first-mentioned roller.

7. In a copy holder, the combination with a supporting frame comprising a base and spaced standards, of a carrier frame comprising a bar having arms pivoted to the standards, bearing plates pivoted between their ends to the arms of the carrier frame, a feed roller journaled on the standards, presser rollers journaled on the bearing plates on opposite sides of their pivots and cooperating with the feed roller, and springs connecting the arms of the carrier frame and the standards of the supporting frame.

8. In a copy holder, the combination with a supporting frame, of a feed roller journaled thereon, a carrier frame pivoted to the supporting frame and including an actuating bar for swinging said frame, a roller mounted on the carrier frame and coacting with the

feed roller, and a spring connected to the carrier frame for swinging the roller thereof toward the feed roller.

9. In a copy holder, the combination with a supporting frame, of a feed roller journaled thereon, a carrier frame pivoted to the supporting frame and including an actuating bar extending longitudinally of the feed roller, and a plurality of presser rollers mounted on the carrier frame and swinging therewith into and out of coaction with the feed roller.

10. In a copy holder, the combination with a support having spaced open-sided seats, of a roller having gudgeons journaled in said seats and removable through the open sides thereof, a carrier movably mounted on the support, a roller mounted on the carrier and cooperating with the first-mentioned roller, and means for urging the carrier and its roller toward the first-mentioned roller to maintain the gudgeons of the latter against detachment from the seats.

11. In a copy holder, the combination with a supporting frame including spaced standards having open-sided seats, of a feed roller having gudgeons journaled in the seats and detachable through the open sides thereof, a carrier frame pivotally mounted on the standards, rollers journaled on the frame and cooperating with the first-mentioned roller, and springs connecting the carrier and supporting frames to urge the rollers of the former toward the roller of the latter and maintain the gudgeons thereof in the seats.

12. In a copy holder, the combination with a base having spaced standards, of a feed roller journaled in the standards and having actuating means on the outer sides thereof, a carrier frame including an actuating bar disposed longitudinally of the feed roller and offset arms pivoted to the standard, springs connecting the standards and arms, bearing plates pivoted between their ends upon the arms, and rollers journaled in the plates on opposite sides of their pivots and cooperating with the feed rollers.

13. In a copy holder, the combination with a frame comprising spaced standards having upwardly extending slots opening through the upper portions of said standards, of a roller having gudgeons journaled in the slots and removable through the open upper ends thereof, a swinging carrier frame including an actuating bar having offset terminal arms pivoted to the standards, a roller mounted on the offset arms, said roller bearing against the upper side of the first mentioned roller and maintaining the gudgeons thereof in the slots, and a spring connecting the frames for urging the rollers together.

14. In a copy holder, the combination with a frame comprising spaced standards, of a roller journaled in the standards, a swinging carrier frame comprising an actuat-

ing bar having offset terminal arms pivoted
to the standards, a roller mounted on the off-
set arms, said roller bearing against the
first mentioned roller, and coiled springs hav-
5 ing their lower ends connected respectively
to the standards and their upper ends con-
nected respectively to the offset arms to main-
tain the rollers in engagement.

In testimony, that I claim the foregoing as
my own, I have hereto affixed my signature 10
in the presence of two witnesses.

JAMES ALEXIS GARDENHIRE.

Witnesses:

P. M. TAMKLE,
G. F. CARTER.