

No. 888,222.

PATENTED MAY 19, 1908.

G. M. CHARRON.
WALL PAPERING MACHINE.
APPLICATION FILED JUNE 6, 1907.

3 SHEETS—SHEET 1.

Fig. 1.

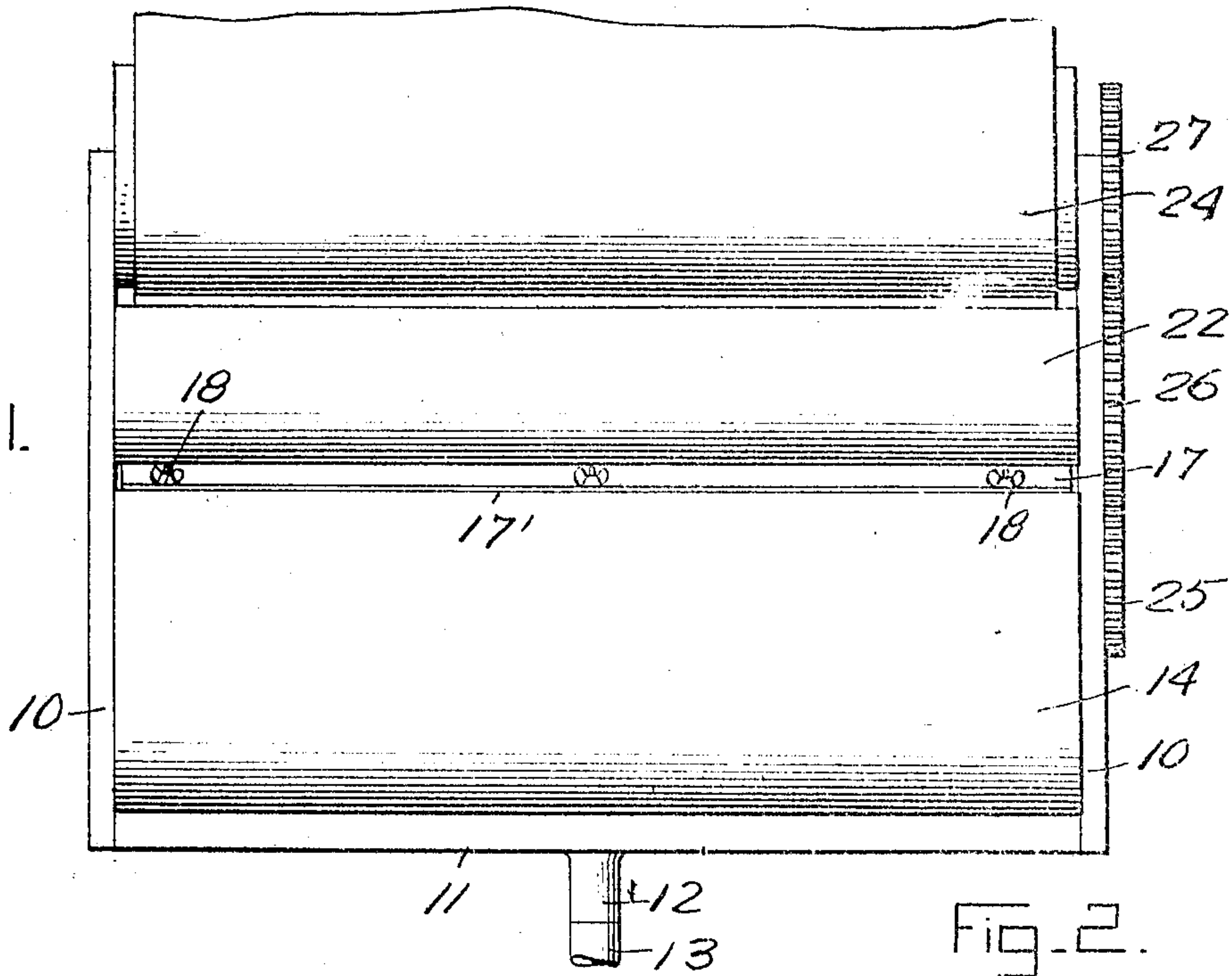
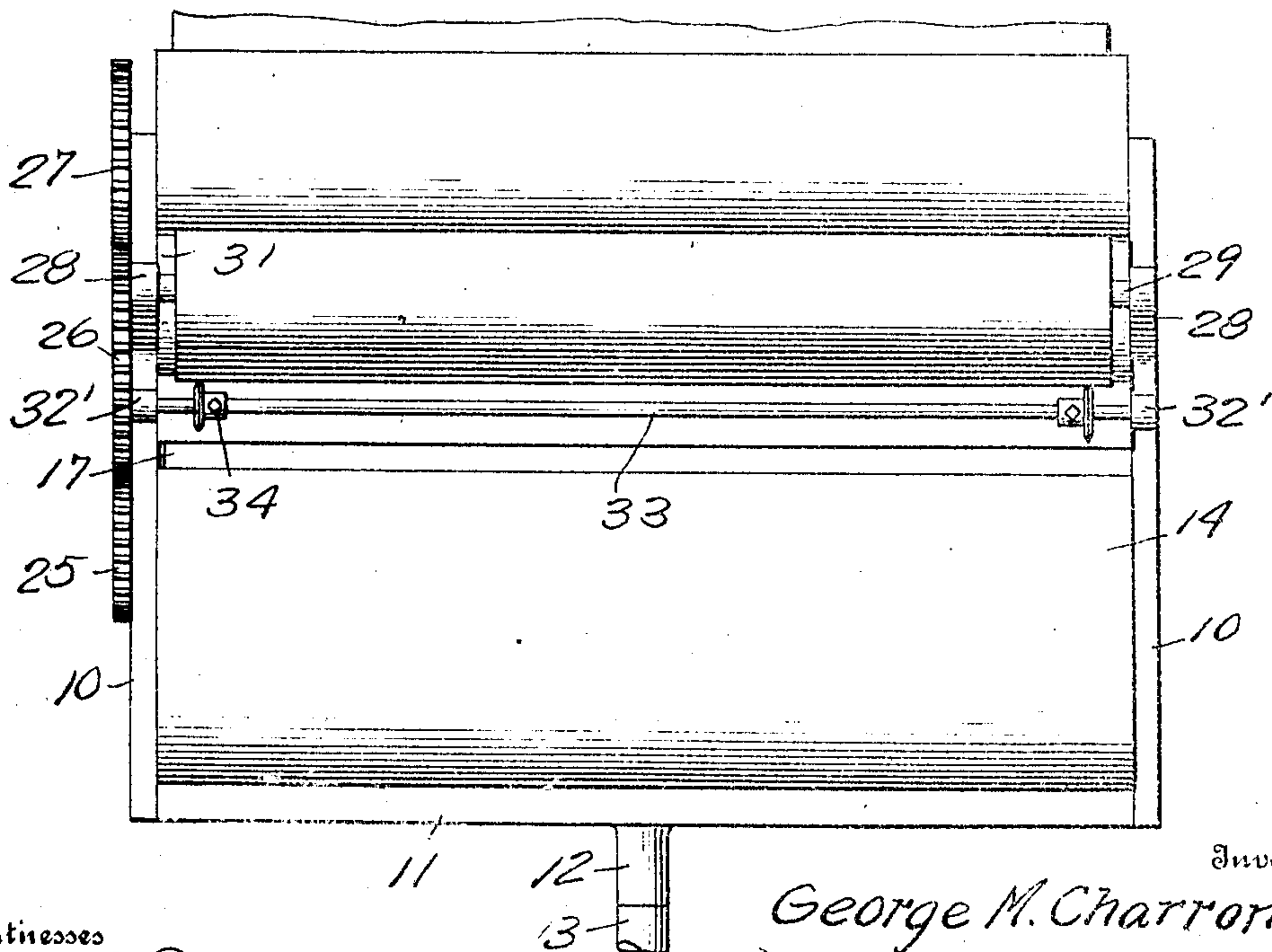


Fig. 2.



Witnesses

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3 SHEETS—SHEET 2.

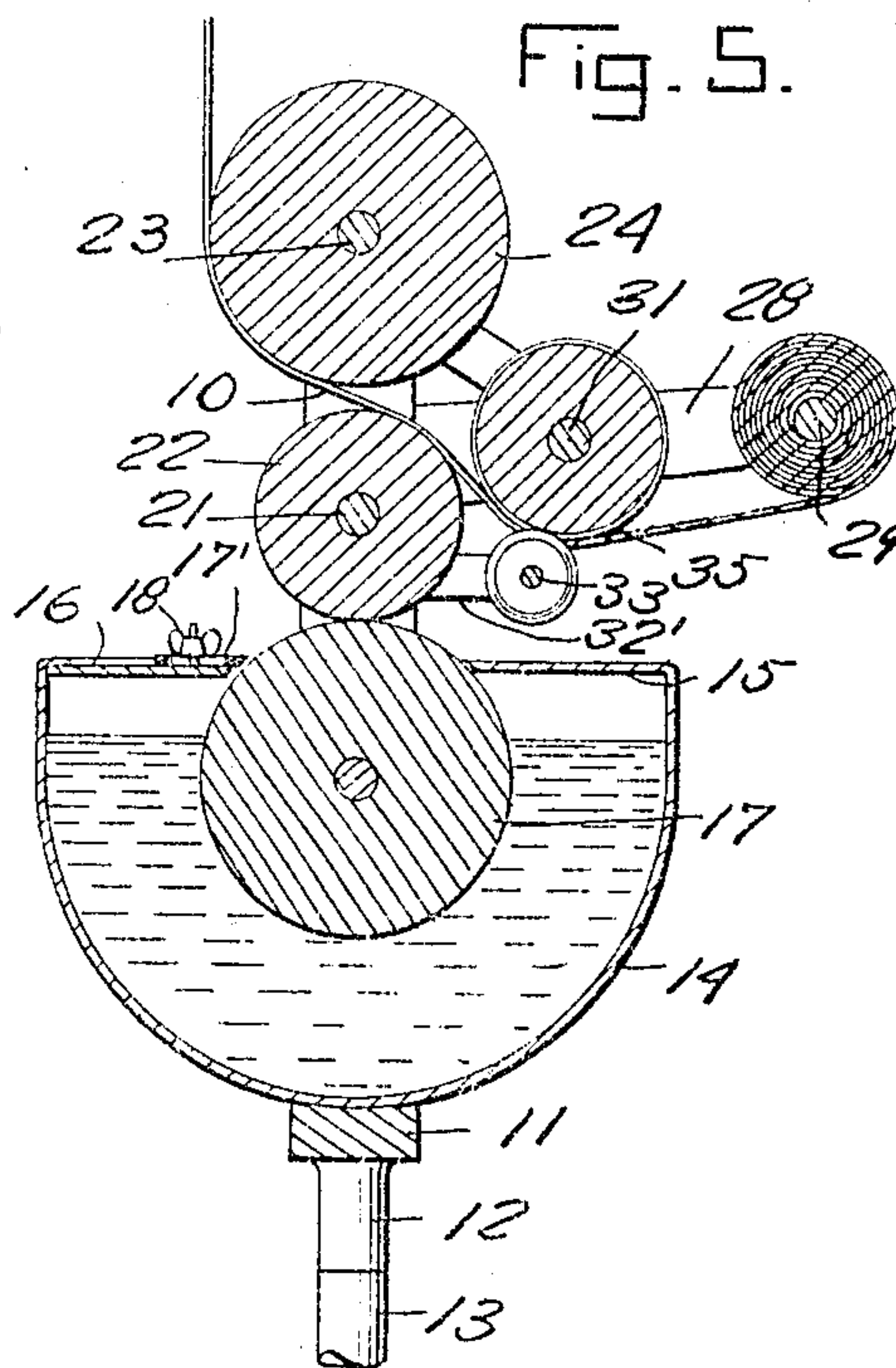
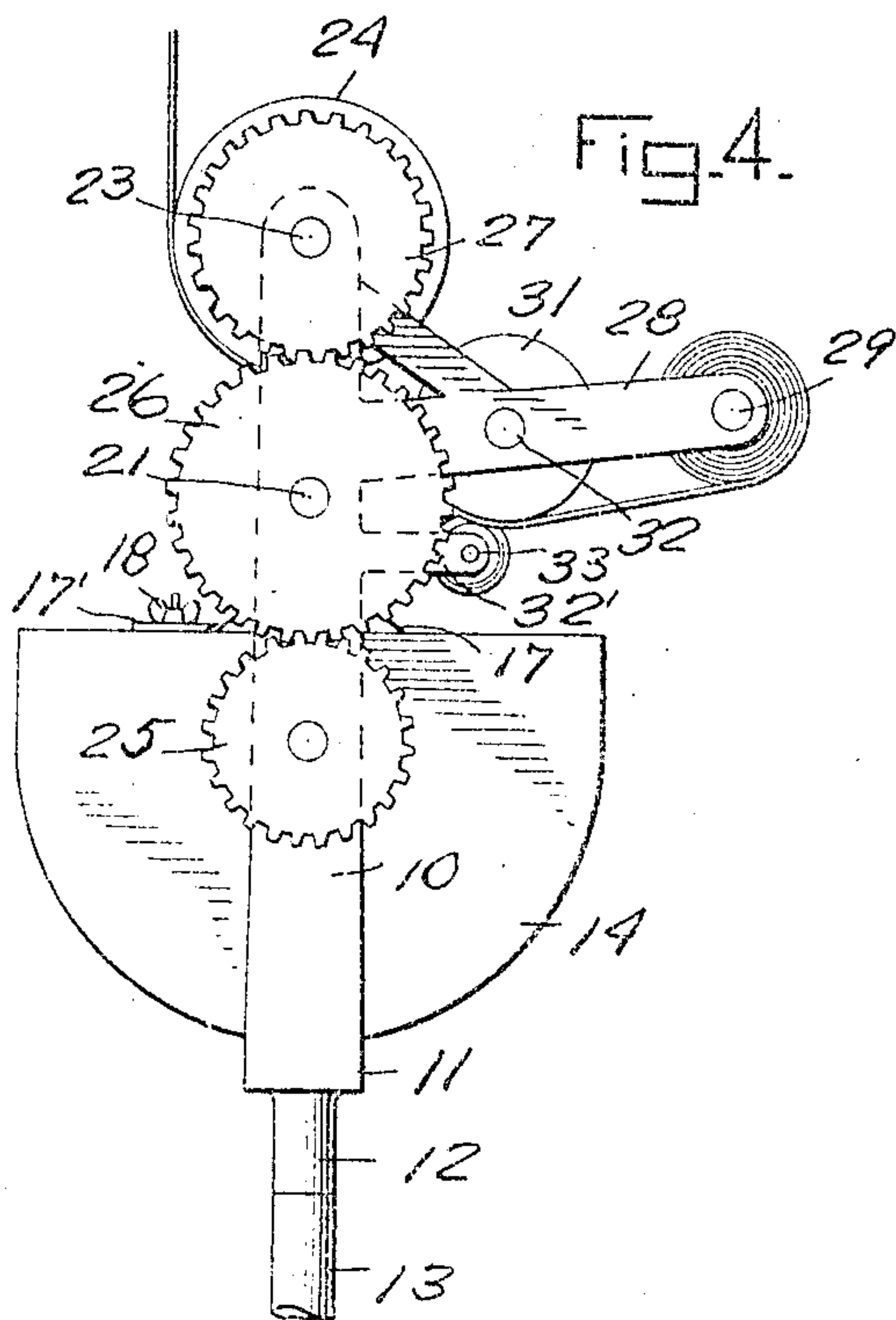
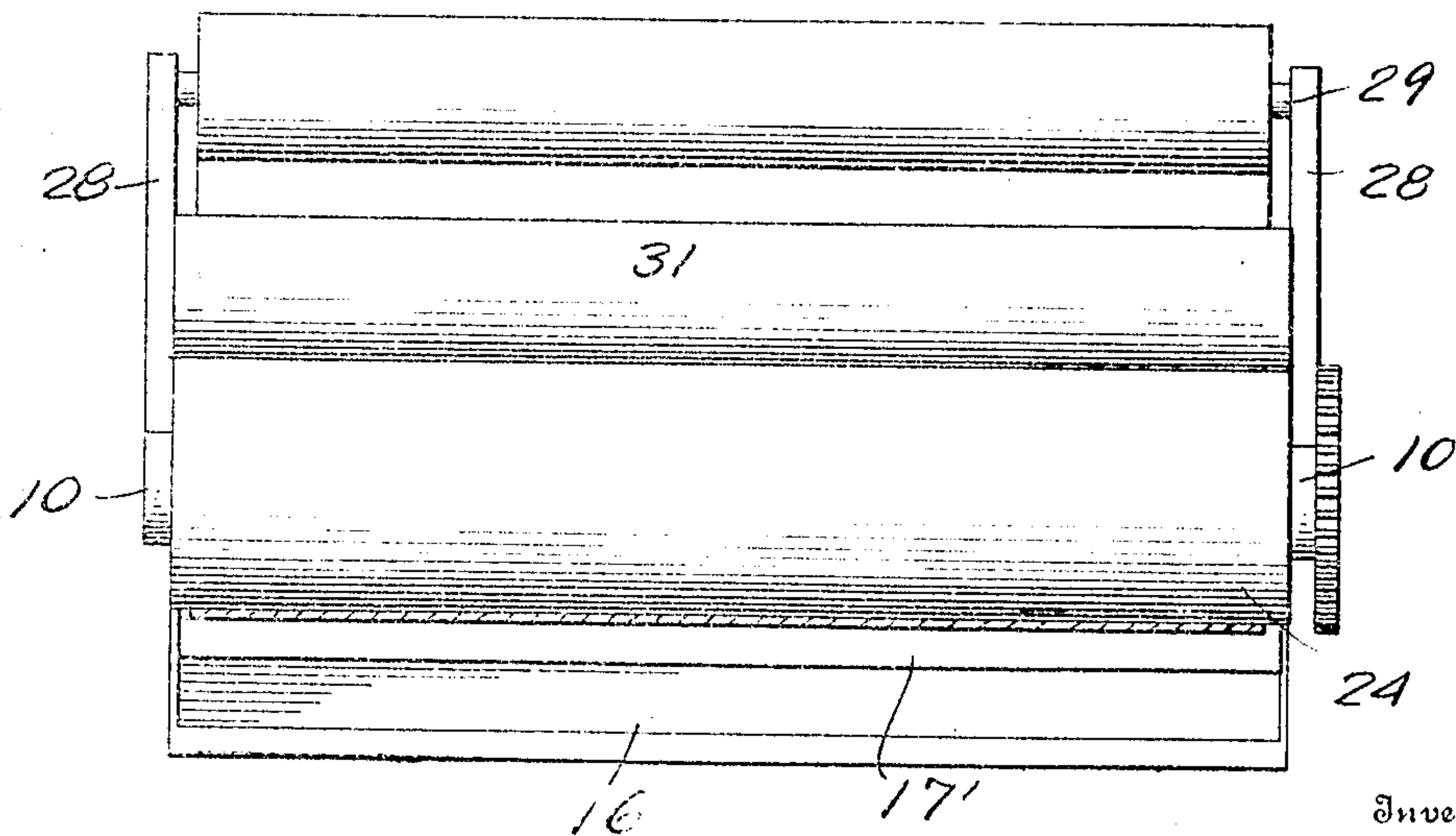


Fig. 3.



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3 SHEETS—SHEET 3.

Fig. 6.

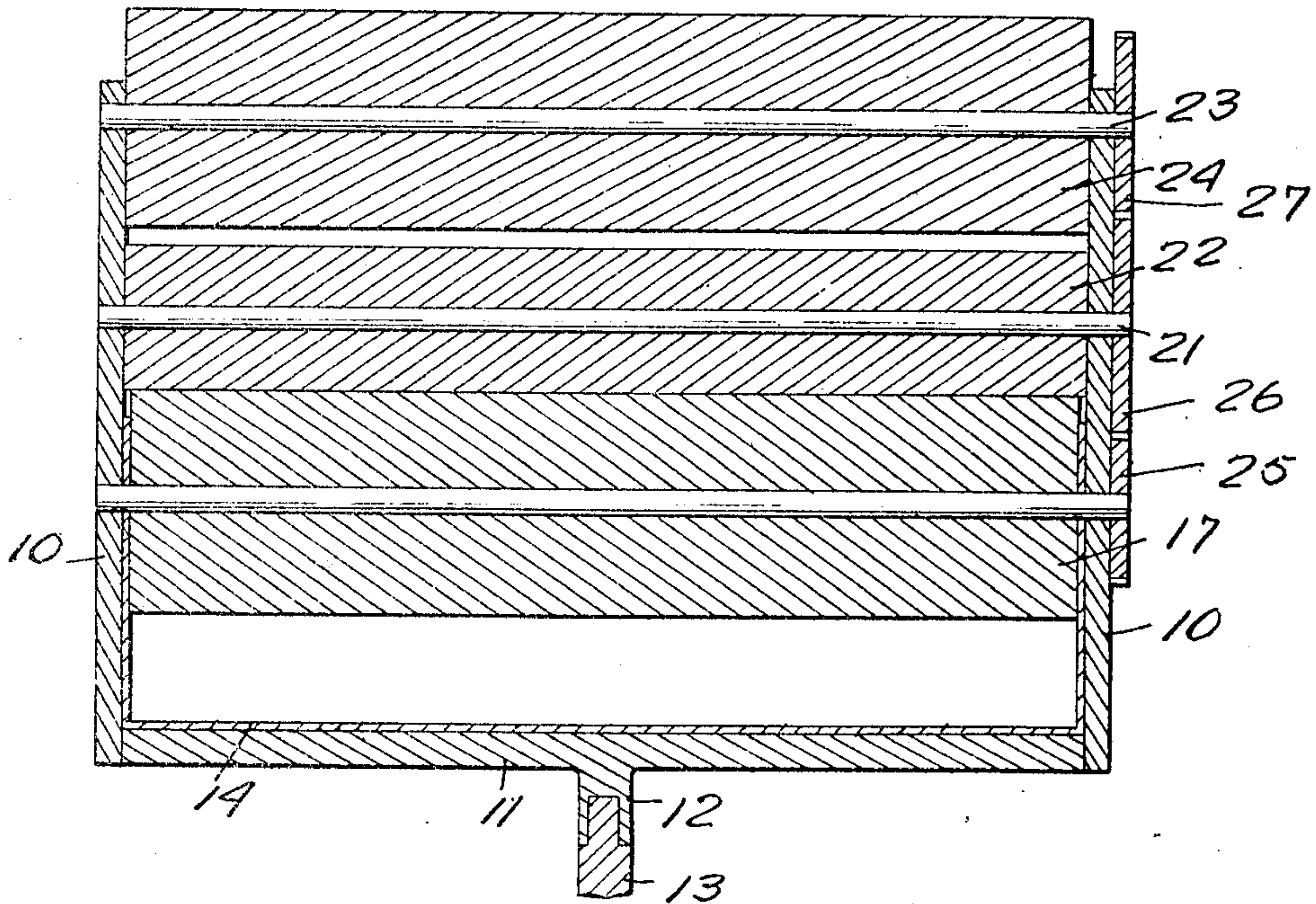
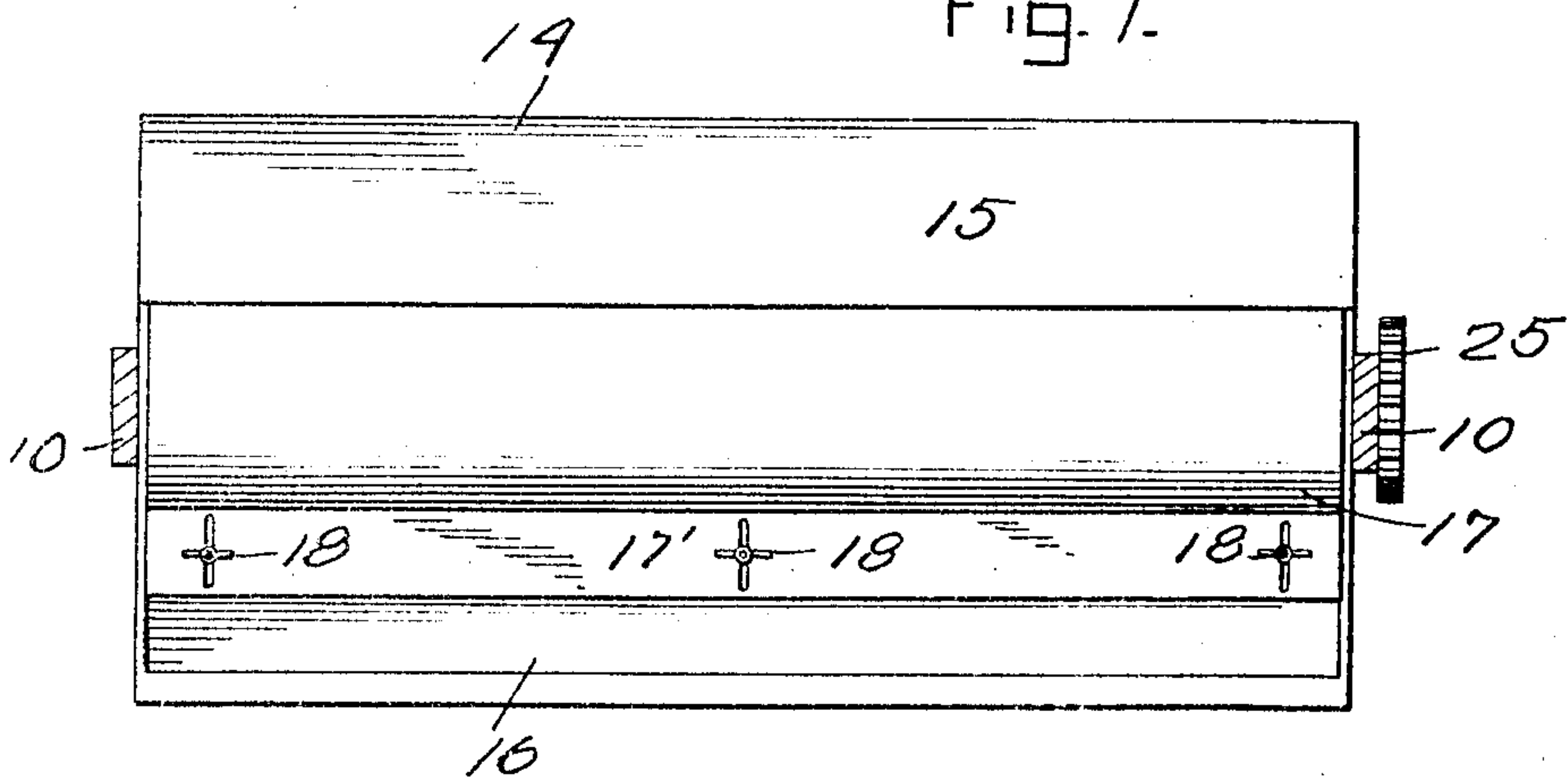


Fig. 7.



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UNITED STATES PATENT OFFICE.

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WALL-PAPERING MACHINE.

No. 888,222.

Specification of Letters Patent.

Patented May 19, 1908.

Application filed June 6, 1907. Serial No. 377,603.

To all whom it may concern:

Be it known that I, GEORGE M. CHARRON, a citizen of the United States, residing at Ericson, in the county of Wheeler, State of Nebraska, have invented certain new and useful Improvements in Wall-Papering 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.

This invention relates to wall papering machines and more particularly to that class in which the mechanism for applying the paste to the paper and for applying the paper to the wall is located at the end of a handle which is to be grasped by the operator.

The primary object of the invention is to provide a machine of this class of such construction that when moved over the surface of a wall, a roll of wall paper supported thereby will be automatically unwound, paste applied to the paper, and the paper smoothed down upon the wall.

One of the novel features of the invention resides in the provision of means for regulating the amount of paste applied to the paper.

In the accompanying drawings, Figure 1 is a front elevation of the machine, Fig. 2 is a rear elevation thereof, Fig. 3 is a top plan view, Fig. 4 is an end elevation, Fig. 5 is a vertical longitudinal sectional view there-through, Fig. 6 is a vertical transverse sectional view, and, Fig. 7 is a horizontal sectional view taken in a plane directly above the paste distributing roller.

As shown in the drawings the machine comprises a frame including spaced uprights 10 and a connecting portion 11 from the ends of which the uprights project and formed upon the connecting portion at its middle is a handle socket 12 in which is engaged the upper end of a handle 13. Supported upon the connecting portion 11 of the frame of the machine and secured at its ends to the uprights 10, is a paste container 14 and this container has its top formed of a rigid section 15 and a section 16 which is slidable into position, there being a space left between the opposing edges of the two sections to permit of the rotation partly within the container, of a roller 17, this roller being supported upon a shaft which is journaled at its ends in the uprights 10. The purpose of this roller 17 is to collect paste from the container and distribute it in a manner to be presently de-

scribed and in order that the quantity of paste taken up by the roller may be regulated, I have provided upon the cover section 16 for the container, a strip 17' which contacts at its free edge with the said roller and I have provided suitable adjusting screws 18 which are engaged through the said strip and cover section at equidistant points. It will be understood that by adjusting these screws 18, the pressure of the strip upon the roller 17 may be regulated and consequently the quantity of paste, taken up by the roller, increased or decreased.

Upon a shaft 21 which is journaled at its ends in the uprights 10 there is fixed a roller 22 which roller is in contact with the roller 17 and consequently is adapted to be supplied with paste by the said roller 17. Mounted directly above the roller 22 and upon a shaft 23 which is journaled in the uprights 10 at their upper ends is a roller 24 over which the wall paper passes in a manner to be presently described. There is but a slight space between the rollers 22 and 24 and consequently the wall paper will be pressed tightly against the roller 22. To insure rotation of the rollers 17, 22 and 24, these rollers are provided respectively with intermeshing pinions 25, 26 and 27.

Journalled at its ends in suitable bearing brackets 28 which project rearwardly from the uprights 10 is a shaft 29 upon which a roll of wall paper is placed and journaled at its ends as at 32 in the brackets 28 is a roller 31. Bearing brackets 32' also project rearwardly from the uprights 10 and in these latter bearing brackets the ends of a cutter shaft 33 are journaled, there being circular cutters or knives adjustably held upon the shaft by means of set screws 34 it being understood of course that the knives are to be adjusted longitudinally of the shaft to trim more or less of the edge of the wall paper. These knives cooperate with the roller 31 and with annular grooves 35 formed at intervals therein.

In practice, the wall paper is led from the shaft 29, the roller 31 and the knives 33, up over the roller 22 and between the same and the roller 24, it being understood that paste is applied to the wrong side of the paper as it passes between the rollers 22 and 24.

What is claimed is—

A device of the class described comprising a frame, a paste container supported in the frame, a paste distributing roller journaled

partly within the container and extending partly above the same, an integral cover section extending across the space between the said roller and one upper longitudinal edge
5 of the container, a removable cover section extending from the other longitudinal edge of said container toward the roller but terminating short of the same, a strip adjustably secured upon the said last named cover section and adjustable to and from said roller, a
10 paste applying roller journaled directly above the first named roller and in contact therewith, a paper roll supporting shaft journaled in the frame rearwardly of the paste
15 applying roller, a roller journaled in the

frame intermediate the paste applying roller and the paper roll supporting shaft, said last named roller being provided throughout its length with a plurality of circumscribing grooves, a shaft journaled beneath the said
20 roller, paper cutting disks adjustably held upon the shaft and working in said grooves, and a paper pressing roller journaled in the frame above the paste applying roller.

In testimony whereof, I affix my signature, in presence of two witnesses.

GEORGE M. CHARRON.

Witnesses:

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JAMES PELLEY.