

No. 686,381.

Patented Nov. 12, 1901.

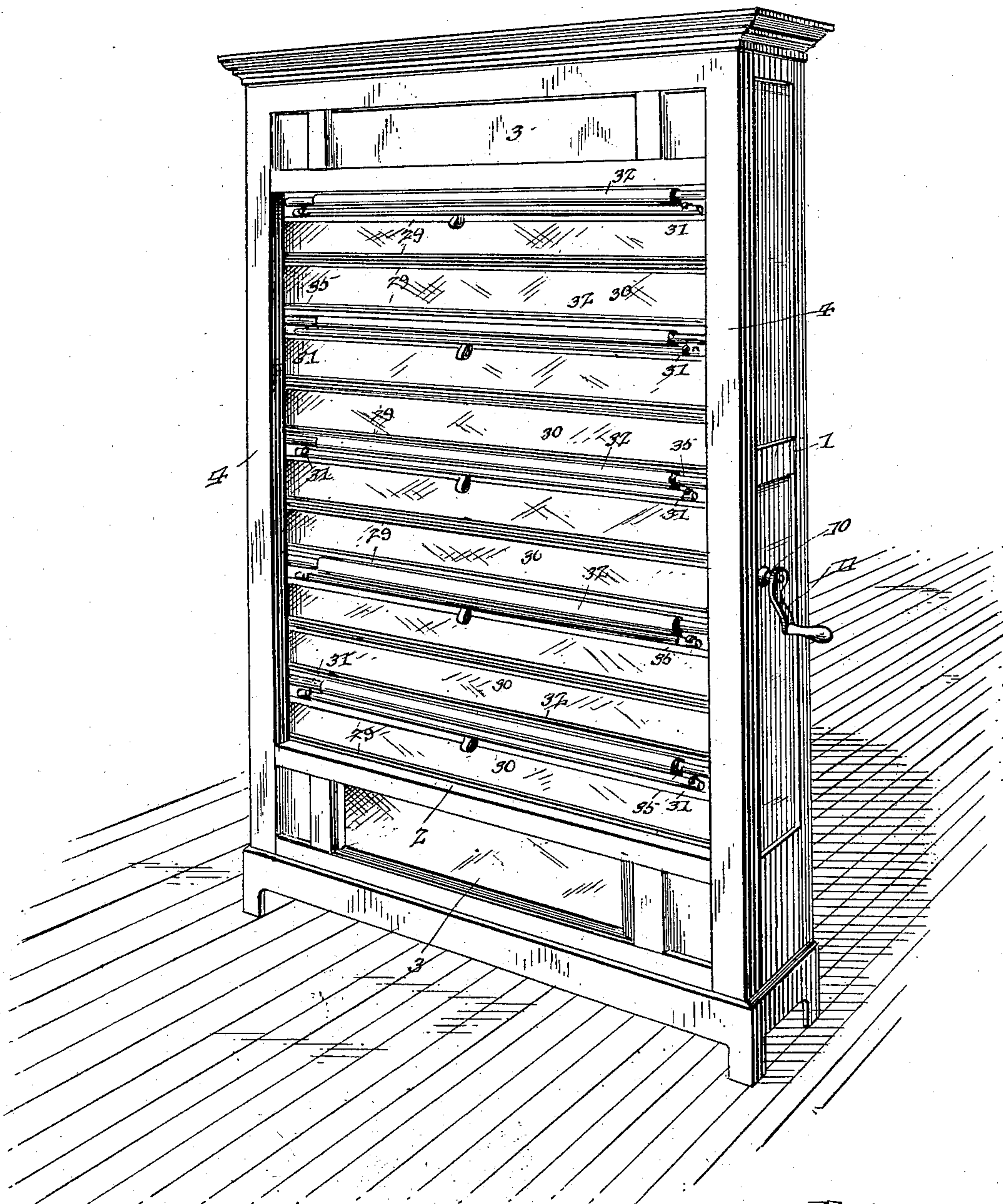
G. W. BARNETT.  
DISPLAY CABINET.

(Application filed Feb. 14, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.



Witnesses

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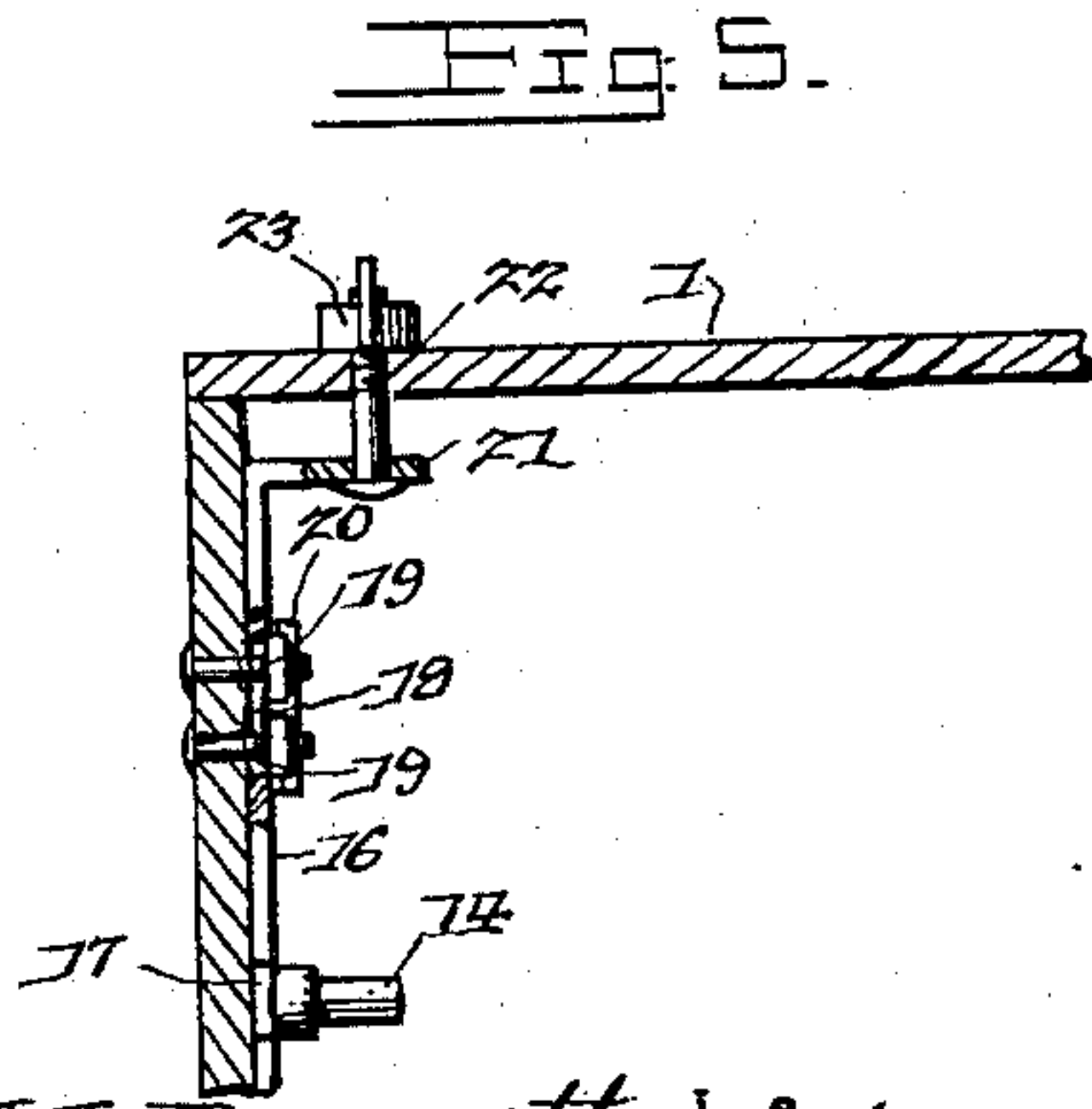
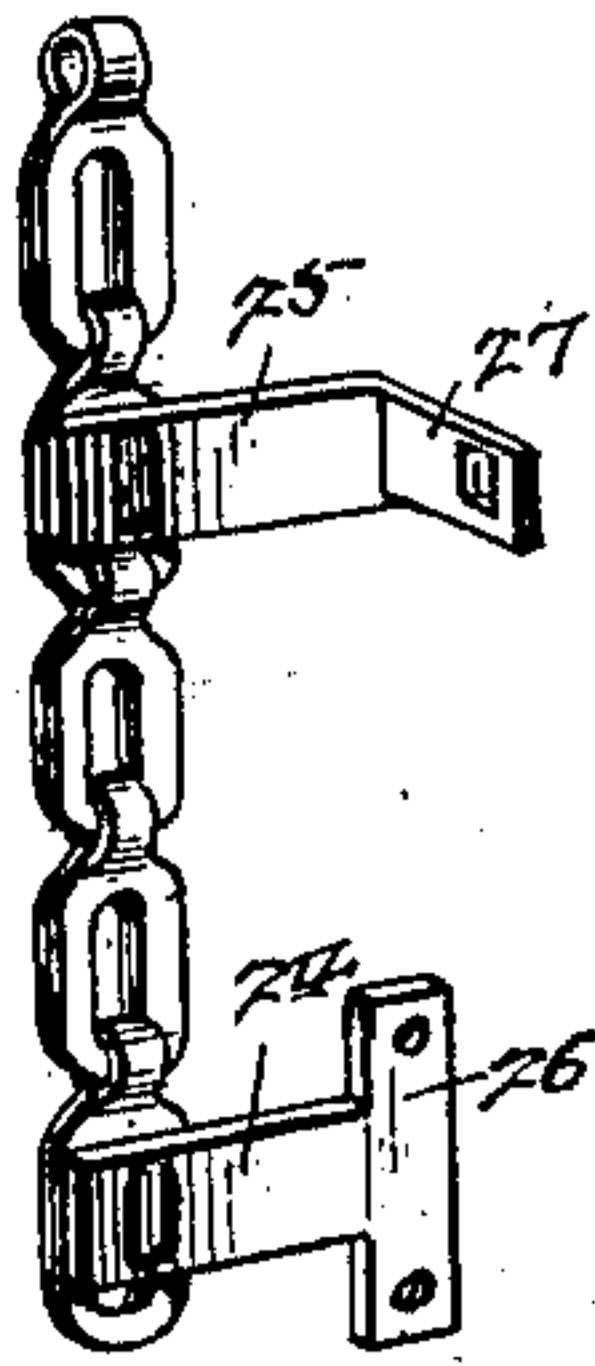
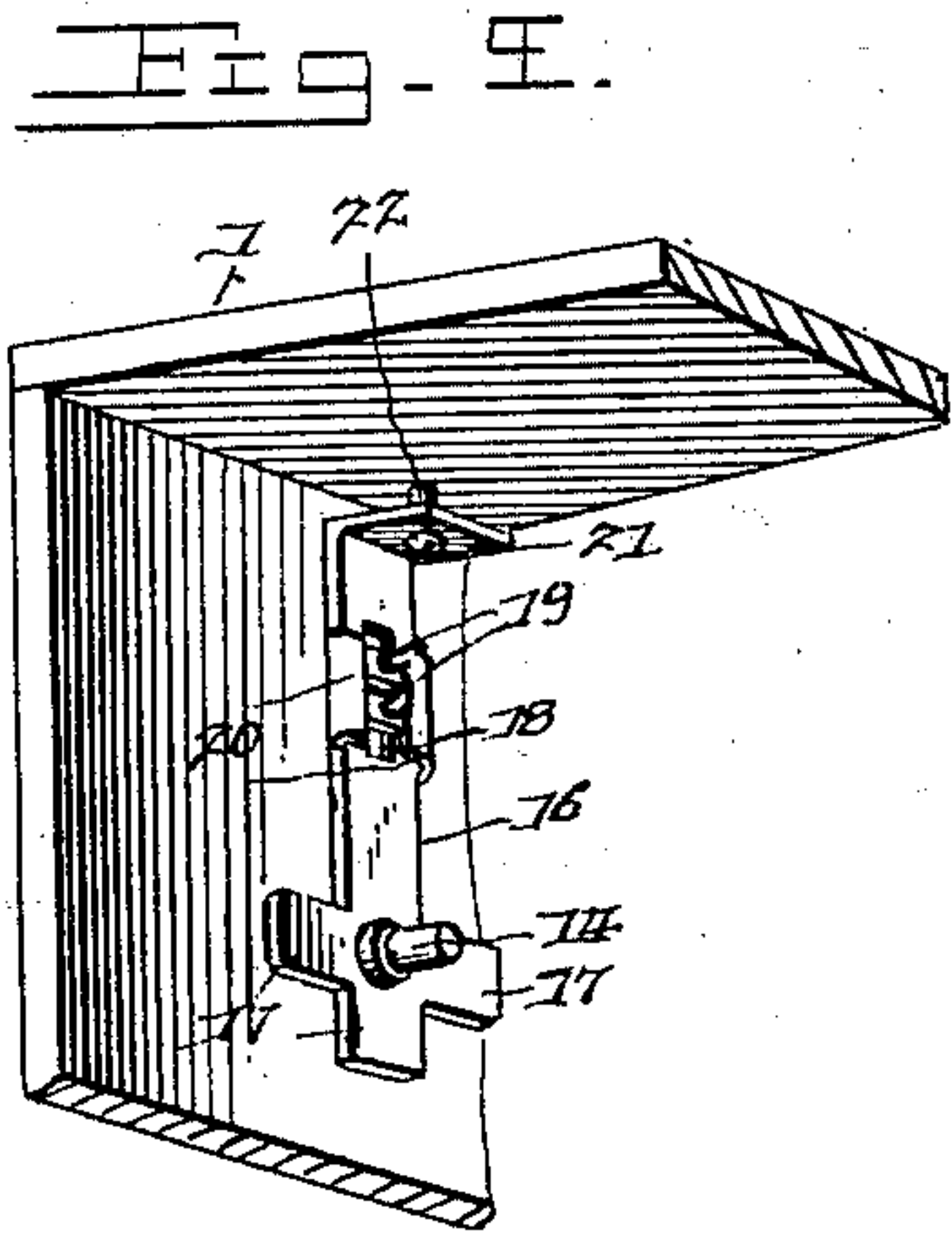
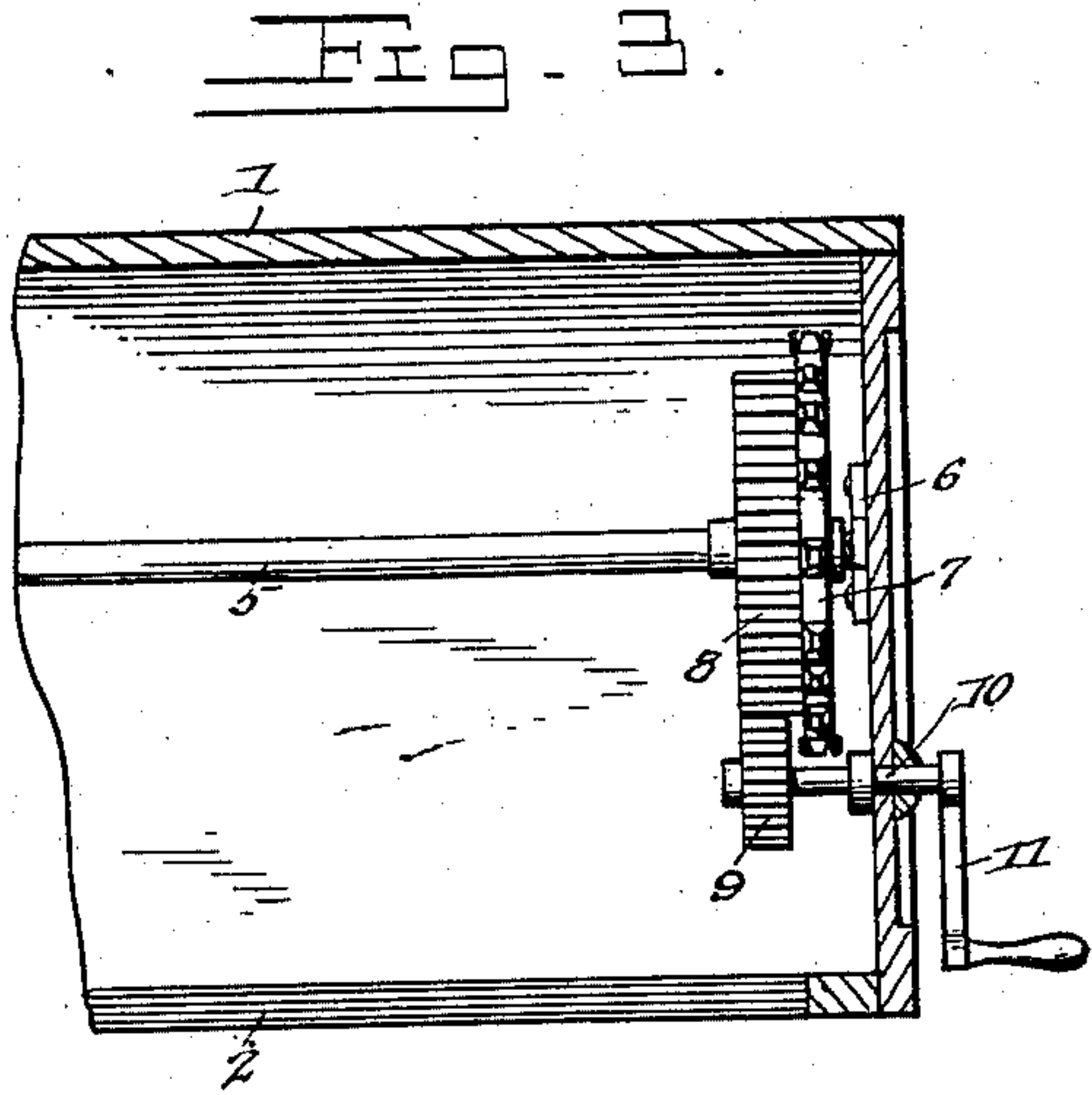
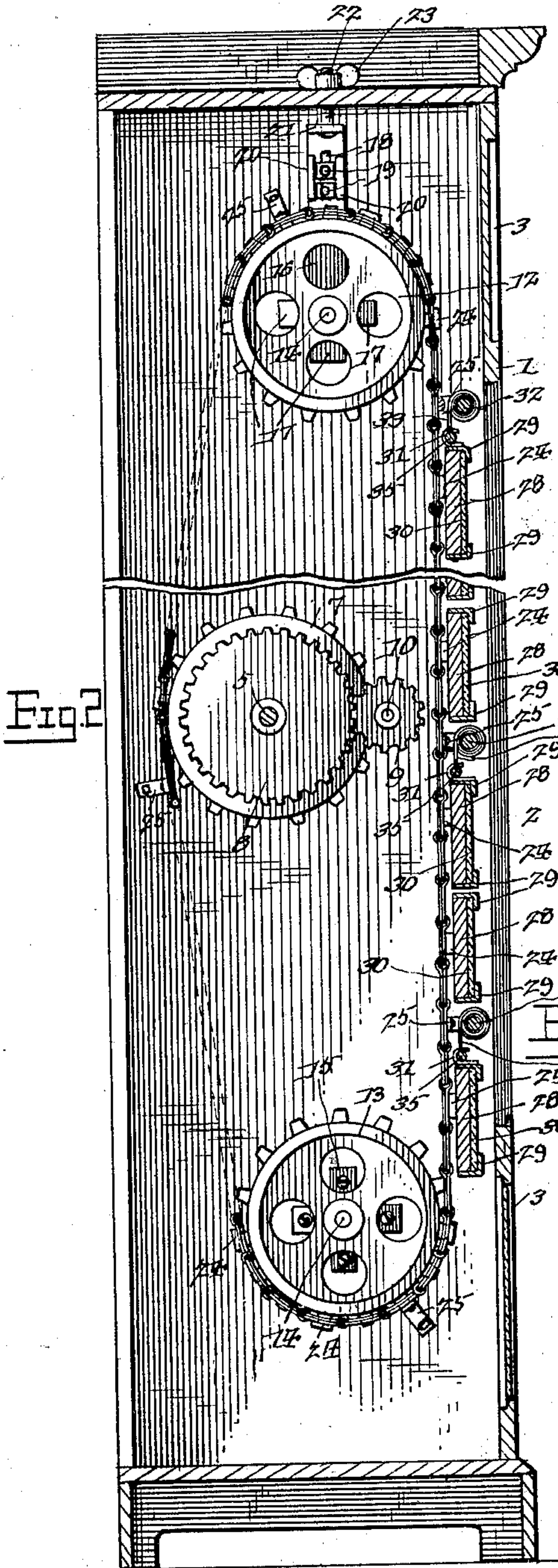
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2 Sheets—Sheet 2.



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# UNITED STATES PATENT OFFICE.

GEORGE W. BARNETT, OF KEOKUK, IOWA.

## DISPLAY-CABINET.

SPECIFICATION forming part of Letters Patent No. 686,381, dated November 12, 1901.

Application filed February 14, 1901. Serial No. 47,314. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. BARNETT, a citizen of the United States, residing at Keokuk, in the county of Lee and State of Iowa, have invented a new and useful Display-Cabinet, of which the following is a specification.

This invention relates to display-cabinets; and the object of the same is to provide a device of this class which is especially designed for conveniently exposing advertising matter and general information pertaining to certain localities or places of such a nature that a user can readily ascertain either the names and addresses of certain classes of merchants or tradesmen, as well as descriptive matter, or explanations concerning States, counties, cities, and towns, and thereby serve as a directory embodying more complete information than is possible in the ordinary sources of similar instruction. The improved device is also structurally designed for convenience in operation and simplicity and the parts employed to coact to produce the result sought.

With these and other objects and advantages in view the invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed and subject to such variations in the form, size, proportions, and minor details as the principle and scope of the invention will permit.

In the drawings, Figure 1 is a perspective view of a display-cabinet embodying the features of the invention. Fig. 2 is a transverse vertical section of the same, partially broken through and on an enlarged scale. Fig. 3 is a horizontal section of a portion of the device. Fig. 4 is a detail perspective view of one upper corner portion of the cabinet, showing means for adjusting the driving devices. Fig. 5 is a detail longitudinal sectional view taken through the parts shown by Fig. 4. Fig. 6 is a detail perspective view of a portion of one of the chain belts and attachments therefor.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates a cabinet of suitable size and dimension and having any de-

sired contour or ornamentation. The front of the cabinet is formed with an enlarged opening 2, located between upper and lower panels 3 and vertical corner rails or posts 4. At an intermediate point in the interior of the cabinet a shaft 5 is rotatably mounted and engages bearing-plates 6, secured to the inner surface of the cabinet ends, the said plates having arms to receive fastening devices to prevent the same from loosening, as shown by Fig. 3, the shaft ends entering the centers of the plates. The said shaft extends completely from one end to the other of the cabinet, and near one of the cabinet ends a drive-sprocket 7 and driving spur-gear 8 are secured on the shaft, the spur-gear being engaged by a pinion 9 on a short shaft 10, projecting through the end of the cabinet and having a crank-handle 11 thereon for operating the same. On the opposite end of the shaft 5 a sprocket-wheel, similar to the wheel 7, is secured, and at points above and below the shaft other sprocket-wheels 12 and 13 are mounted on studs 14, the lower studs for the wheels 13 being held by plates 15, with arms for stable securing purposes, and the upper studs for the wheels 12 being carried by the lower portions of hangers 16. The hangers 16 have lower laterally-projecting arms 17 to brace and steady the same in their adjustment, and at an intermediate point each hanger is formed with a longitudinal slot 18 for the insertion therethrough of adjusting-bolts 19, guards 20 being located at opposite side edges of the hanger adjacent said slot to prevent the nuts on the bolts from accidentally loosening. The upper extremity of the hanger is in the form of a right-angular bearing 21 and receives an adjusting-bolt 22, which projects through the top of the cabinet and has a winged or other suitable adjusting-nut 23 applied thereto for controlling the vertical elevation of the hanger as an entirety and regulate the tension of the motion-imparting devices which engage the sprocket-wheels, and thereby prevent the latter from having too much slack. The sprocket-wheels 7, 12, and 13 are engaged by endless chain belts, said belts being held vertically straight in rear of the



opening 2 in the cabinet and located at the front behind the rails or posts 4. At regular intervals on the belts are alined pairs of inwardly-projecting carriers 24 and holders 5 25, the carriers having inner terminal T-heads 26 and the holders outwardly-projecting right-angular bearing extensions 27. The T-heads of the carriers are secured to the rear sides of slats 28, extending fully across 10 the opening 2 in horizontal planes and parallel openings being formed between contiguous edges of the said slats where the holders are located. The opposite ends of the slats are behind the rails or posts 4 and have metal clips 15 29 on the upper and lower edges for removably receiving and holding elongated cards or similar devices 30 for displaying advertising or other matter suitably applied thereto, and on the upper edges of the said slats near opposite 20 ends are open outturned hooks 31 for a purpose which will presently appear. The bearing extension 27 of one holder has a round opening therethrough and the extension of the companion holder on the opposite side has 25 a square opening, as shown by Fig. 6, to respectively receive the opposite journals of a spring-roller 32, the said journals being of the same shape as the openings in the extensions, as set forth, and the squared journal 30 located at the spring end of the roller. On the several rollers webs or sheets 33, of suitable material, having any preferred length and width, are secured and adapted to be 35 rolled, as shown, and to the outer ends of said webs or sheets stretcher or spreader rods 34 are fastened and are of greater length than the width of the webs or sheets to engage the hooks 31, as shown by Figs. 1 and 2, to prevent the said outer ends of the webs or sheets 40 from becoming inaccessible by winding too far or irregularly around the rollers and also to hold the parts of the webs or sheets in close confinement between the edges of the slats and avoid movement of any portion thereof 45 inwardly between the chain belts. This retention of the outer ends of the webs or sheets will avoid any liability of entanglement of the same with the mechanism within and also always have said rods in a position with- 50 in easy reach, so that they may be drawn from the hooks when it is desired to inspect the several webs or sheets. To facilitate removal of the rods 34 from the edges of the slats and the hooks on the latter, as well as to 55 pull the webs or sheets from the rollers, pull-loops or analogous devices 35 are secured to the centers of said rods. On the webs or sheets information of different natures will be printed or otherwise applied, and in some 60 instances this information may correspond to the adjacent advertisement, though this is not actually necessary.

The improved device will be found exceptionally convenient for many purposes other 65 than that specifically set forth, and in view of the simplicity of construction the cost of

manufacture will be reduced to a minimum. It will be seen that by operating the crank-handle the chain belts will be shifted and the slats and rollers carrying the webs correspondingly moved behind the opening 2. It 70 is intended to completely take up the length of the belts with the devices set forth, and by this means a great amount of advertising or other information will be contained within 75 the cabinet and regularly brought into inspecting or engaging position in the opening 2.

Having thus described the invention, what is claimed as new is—

1. In a display-cabinet, the combination 80 with opposite chain belts, of slats terminally secured thereto and having spaces between contiguous edges thereof, and spring-rollers also terminally held by said belts and located 85 between the slat edges, the said rollers having webs or sheets thereon containing information and the slats also provided with indicating or other matter.

2. In a device of the class set forth, the combination with a cabinet having a front open- 90 ing, and chain belts movably mounted in opposite end portions of the said cabinet, of slats terminally secured to the said belts and having spaces between the contiguous edges thereof, outturned open hooks secured on the 95 upper edges of the slats, spring-rollers also terminally held by the said belts and located in the spaces between the slat edges, the said rollers having webs or sheets thereon, and spreaders or stretchers secured to the outer 100 ends of the webs or sheets and in engagement with the said hooks when the webs or sheets are rolled.

3. In a device of the class set forth, the combination with a cabinet having a front open- 105 ing, and chain belts movably mounted in opposite end portions of the said cabinet, of longitudinally-alined pairs of carriers and holders secured to the said belts at intervals, the carriers having inner heads and the holders 110 inner outwardly-extending angular extensions, and slats and rollers respectively applied to the carriers and holders and provided with advertising or general information matter exposable through the said cabinet- 115 opening.

4. In a device of the class set forth, the combination with a cabinet having an opening in the front portion thereof, of chain belts lo- 120 cated at opposite end portions of the cabinet, upper, intermediate and lower sprocket-wheels engaged by said belts, gearing for moving the said belts, vertically-adjustable hangers carrying the upper sprocket-wheels for 125 regulating the tension on the chain belts, the lower portions of the hangers having inwardly-projecting integral studs to rotatably receive the upper sprocket-wheels and also provided with inwardly-directed angular 130 ends, the latter ends being formed with screw-threaded apertures, the hangers also having longitudinal slots and lower laterally-project-



ing arms, adjustable bolts projecting from  
the top of the cabinet and engaging said an-  
gular ends of the hangers, adjustable bolts  
engaging the hanger-slots, and information  
5 devices carried by the belts for movement in  
rear of and exposure through the cabinet-  
opening.

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

G. W. BARNETT.

Witnesses:

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S. VOGEL.