

(No Model.)

2 Sheets—Sheet 1.

J. STURGISS.
WINDOW SHADE EXHIBITOR.

No. 519,414.

Patented May 8, 1894.

Fig. 1.

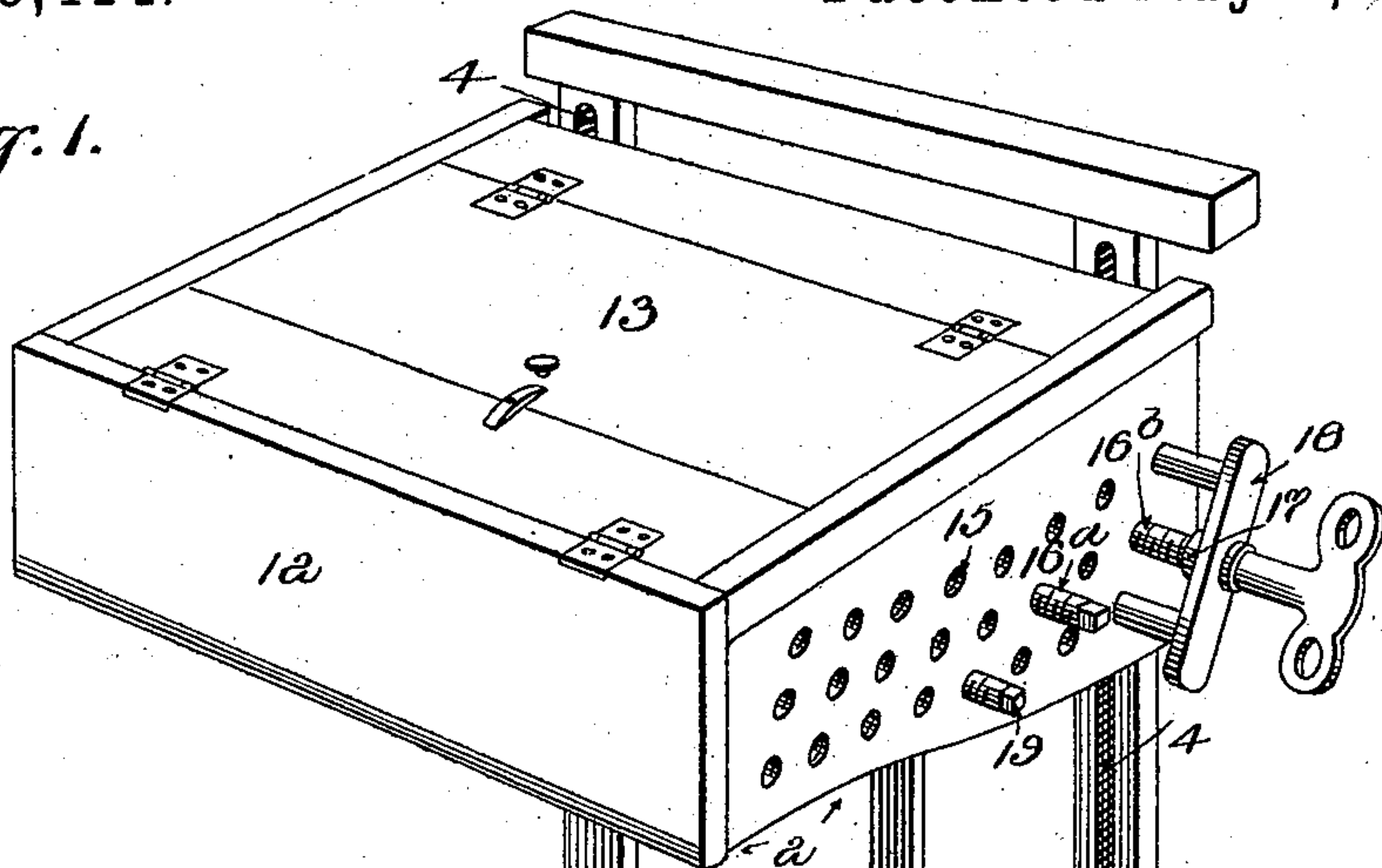
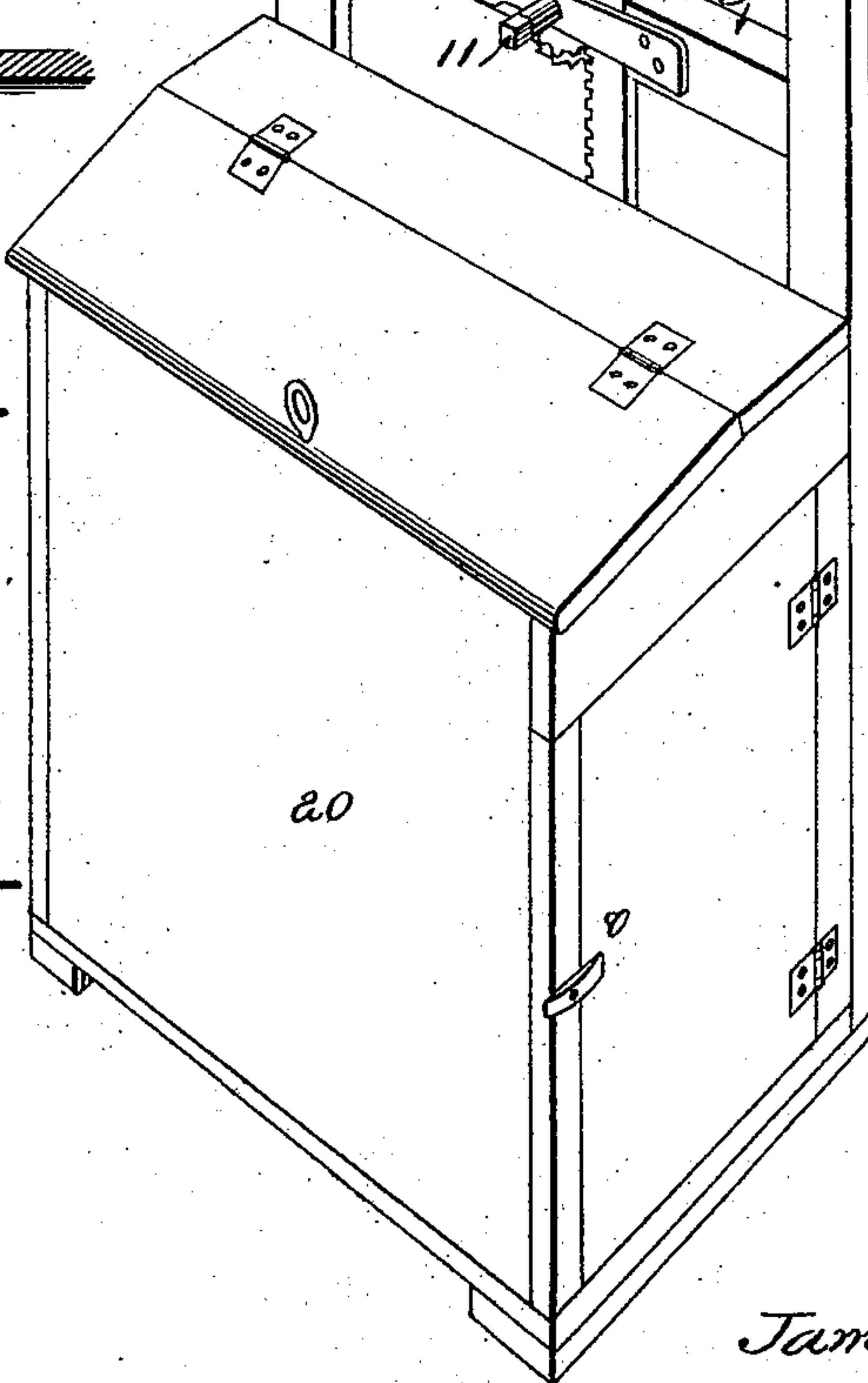
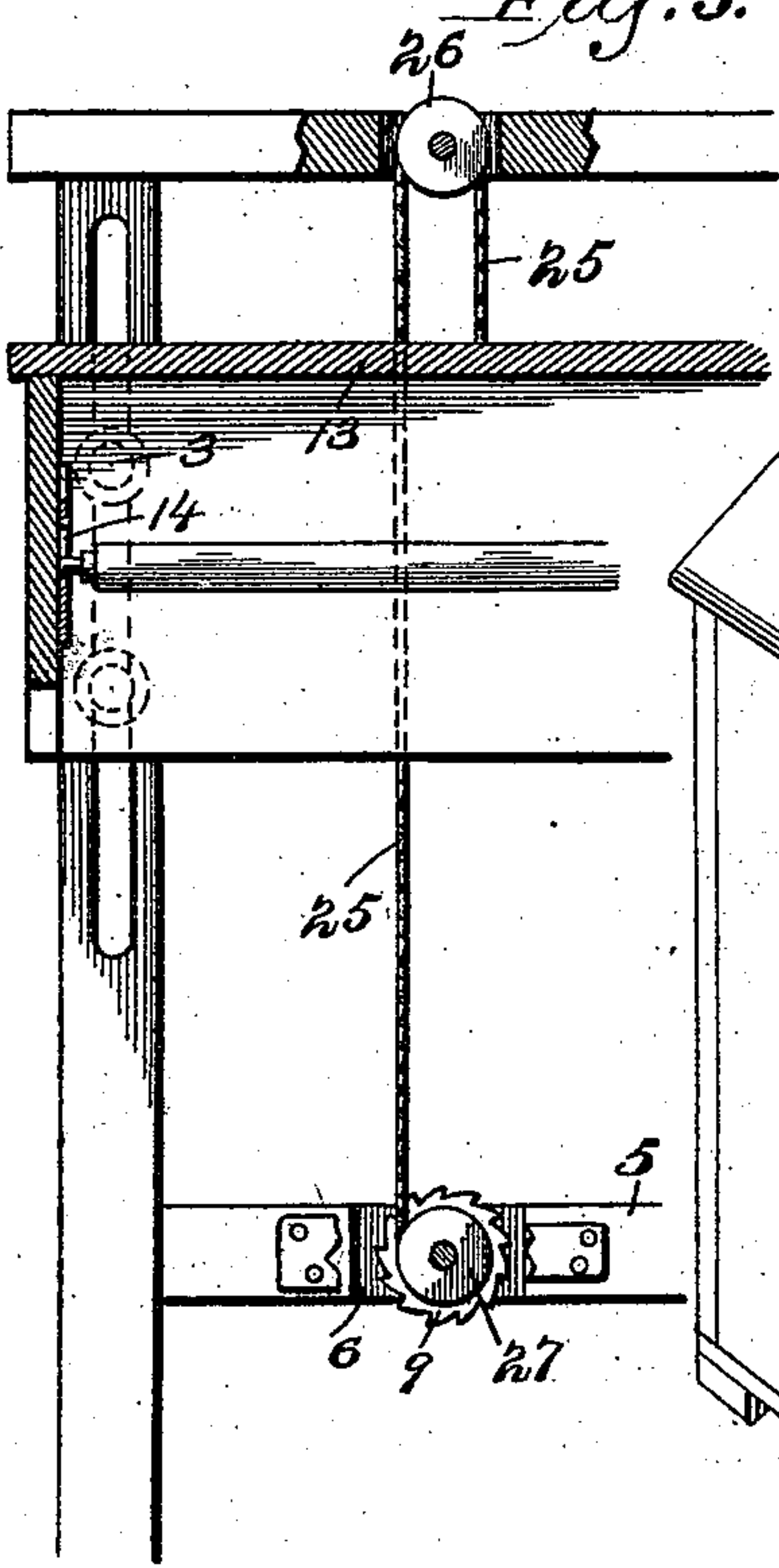


Fig. 5.



Inventor

James Sturgiss;

Witnesses

By his Attorneys.

Arthur Ashley
[Signature]

[Signature]

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Fig. 2.

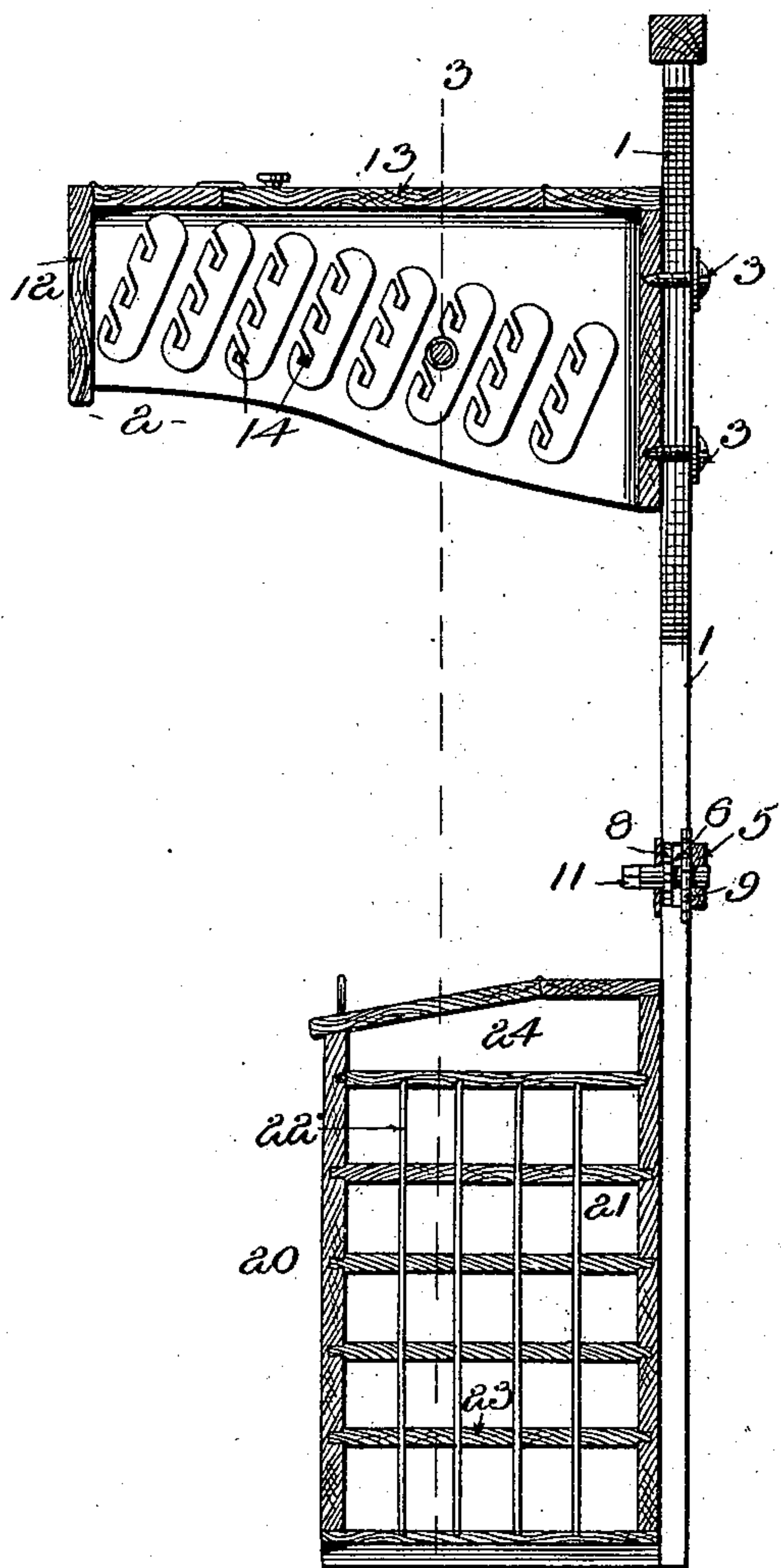
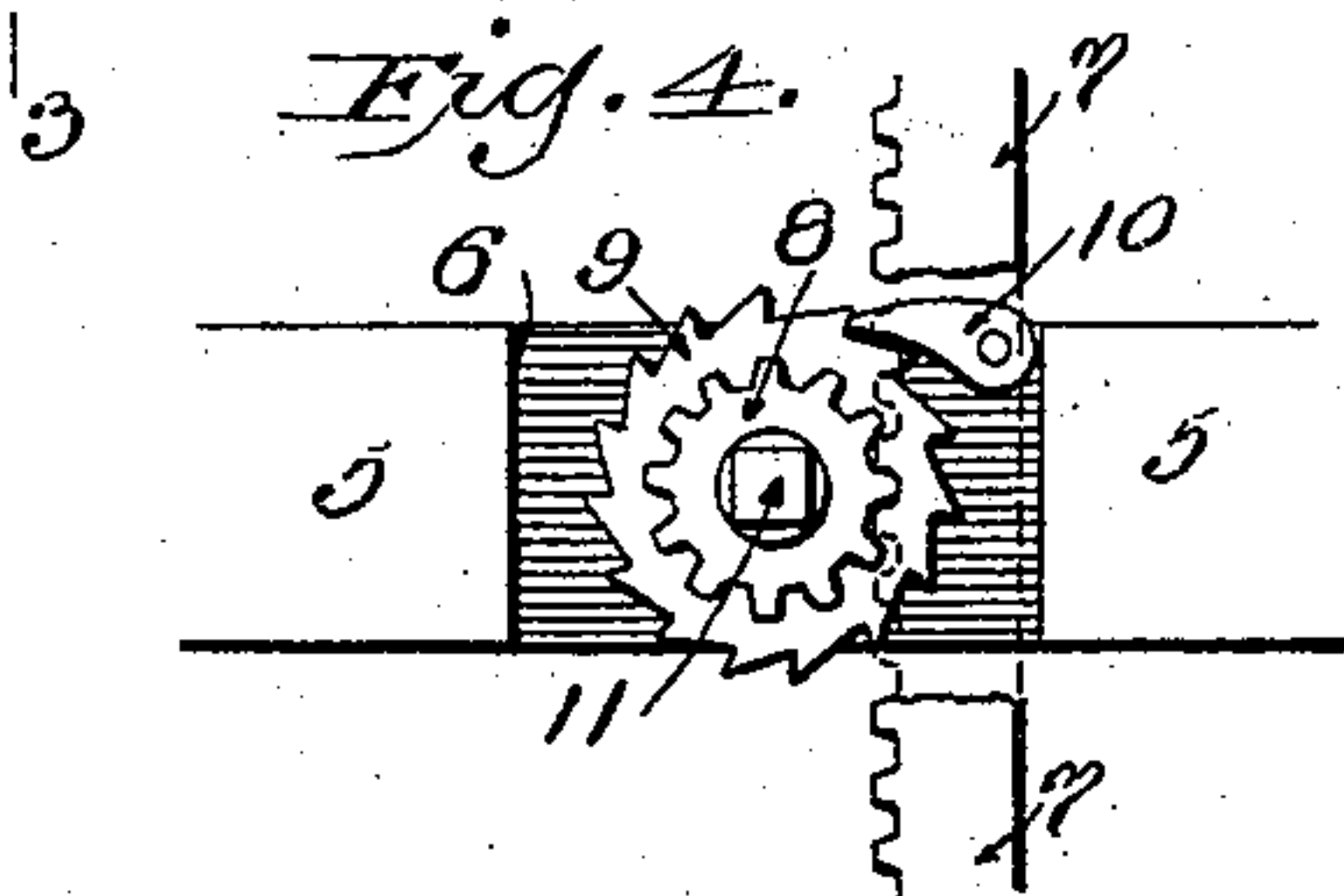
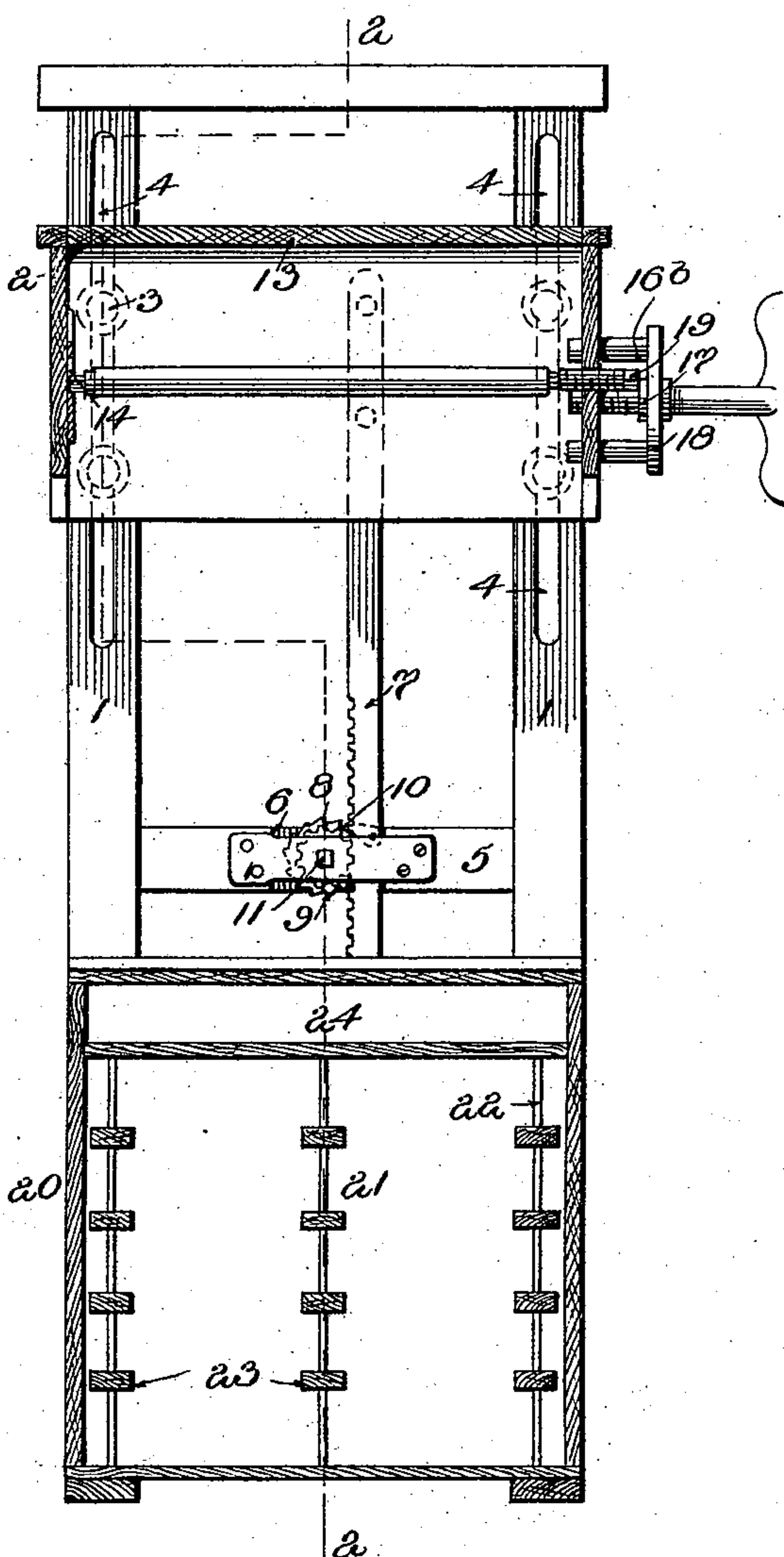


Fig. 3.



Witnesses

Arthur Ashley
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By his Attorneys.

Inventor
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C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JAMES STURGISS, OF EDGERTON, MISSOURI.

WINDOW-SHADE EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 519,414, dated May 8, 1894.

Application filed June 30, 1893. Serial No. 479,293. (No model.)

To all whom it may concern:

Be it known that I, JAMES STURGISS, a citizen of the United States, residing at Edgerton, in the county of Platt and State of Missouri, have invented a new and useful Window-Shade Exhibitor, of which the following is a specification.

My invention relates to an improved window-shade exhibitor, and it has for its objects to provide a rack capable of supporting a number of curtains or shades in convenient form for display; to provide for the housing of the same when not on display, and for the ready attachment and detachment of the rollers from the rack, and to provide a receptacle for the stock represented by the samples exhibited.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings: Figure 1 is a perspective view of an exhibitor embodying my invention. Fig. 2 is a vertical section of the same. Fig. 3 is a transverse section on the line 3—3 of Fig. 2. Fig. 4 is a detail view of the means for adjusting the hood. Fig. 5 is a detail sectional view to show a modified construction of adjusting device for the hood.

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

1 designates vertical bars or uprights, which support a horizontally-disposed hood 2, which is provided upon its rear side with guide-pins 3, engaging vertical slots 4, in the uprights. These uprights are connected at an intermediate point by a cross-bar 5, provided with a central guide 6, through which passes a vertical rack-bar 7, fixed at its upper end to the hood. Mounted in said guide is a pinion 8, meshing with said rack-bar and provided with a ratchet 9, engaged by a stop-pawl 10. Said pinion is provided with a squared post or arbor 11, adapted to be engaged by a suitable key, whereby the hood may be elevated or depressed.

The hood is provided at its front side with a hinged leaf 12, to give access to the shades which are arranged at the front of the hood; and the latter is further provided with a top door 13, whereby the upper shades may be

adjusted or removed without interfering with those that are arranged beneath. The side walls of the hood are provided, respectively, with sockets to receive the pintles or trunnions of the shade-rollers, those upon the left-hand side or wall having the bayonet or slotted sockets 14, to receive the flattened pintle of the spring roller. In perforations 15, in the right-hand wall of the hood, which perforations align respectively with the slotted sockets 14, are threaded sockets 16, to receive the pintles or trunnions at the adjacent ends of the shade-rollers. These threaded sockets may be independent, as shown at 16^a, or may be arranged in groups, as shown at 16^b, in which case only the intermediate socket is threaded, the others being smooth to slide in the perforations. Said intermediate socket is provided with a neck 17, carrying a cross-bar 18, which is fixed to the outer ends of the smooth sockets. Furthermore, the outer ends of the threaded sockets are squared to receive a suitable key, as shown at 19, to enable the socket to be adjusted to suit the length of the shade-rollers.

20 represents a receptacle for stock, the interior thereof being provided with vertically-arranged racks 21, consisting of upright rods 22 and horizontal bars 23, which are perforated to receive the rods. The shade rollers are arranged in the openings thus formed between the bars and rods. The top of the case is shaped to represent and serve as a desk and covers a receptacle 24, for curtain fixtures and other small articles which are necessary in connection with shades.

From the above description it will be understood that the sockets which are carried by opposite walls of the hood and are arranged out of vertical alignment enable the shades to hang vertically out of contact with each other, and thus permit of exhibiting a large number without danger of rubbing or otherwise marring the same. Furthermore, either of the rollers may be disconnected from the hood without disturbing any of the others, by reason of the accessibility afforded by the front leaf and the door in the top of the hood. Furthermore, the hood may be adjusted vertically to display a greater or less length of the shades.

Various changes in the form, proportion,

and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

5 In Fig. 5 I have shown a slightly modified form of adjusting device for the hood, such device consisting of a cord 25, secured at one end to the hood, extending over a guide-pulley 26 carried by the upper cross-beam of
10 the supporting frame, and reeled at the other end upon a drum 27, provided with a pawl-and-ratchet clutch similar to that shown in Figs. 1 to 4, inclusive, to prevent the accidental unwinding of the cord and lowering of the
15 hood.

Having described the invention, what I claim is—

1. The herein described window-shade exhibitor, comprising a base, parallel uprights
20 arranged at the rear angles of said base and provided with longitudinal slots, a receptacle connecting the lower ends of the uprights, a vertically movable hood having parallel side walls and front and top hinged doors, sock-
25 ets carried by the side-walls for the reception of shade-roller trunnions, guide-pins projecting rearward from the rear side of the hood and slidably fitted in the slots of the uprights, means for adjusting the hood vertically, and
30 locking-devices to secure the hood at the de-

sired adjustment, the means for adjusting and locking the hood being located between the uprights and slightly above the plane of the upper side of the said receptacle whereby it is within reach of an operator from the
35 floor, substantially as specified.

2. In a window-shade exhibitor, the combination with an upright supporting frame, of a hood carried by such frame and provided upon one side wall with slotted sockets and
40 in the other side wall with aligned perforations, and adjustable sockets fitted in said perforations and provided with a threaded intermediate socket and adjacent parallel sliding sockets, substantially as specified. 45

3. In a window shade exhibitor, the combination with an upright supporting frame, of a hood carried by such frame and provided upon one side wall with slotted sockets and
50 in the other side wall with aligned perforations, and adjustable sockets fitted in said perforations, substantially as specified.

In testimony that I claim the foregoing as the own I have hereto affixed my signature in my presence of two witnesses. 55

JAMES STURGISS.

Witnesses:

L. M. MORGAN,
NELSON KERR.