

No. 644,435.

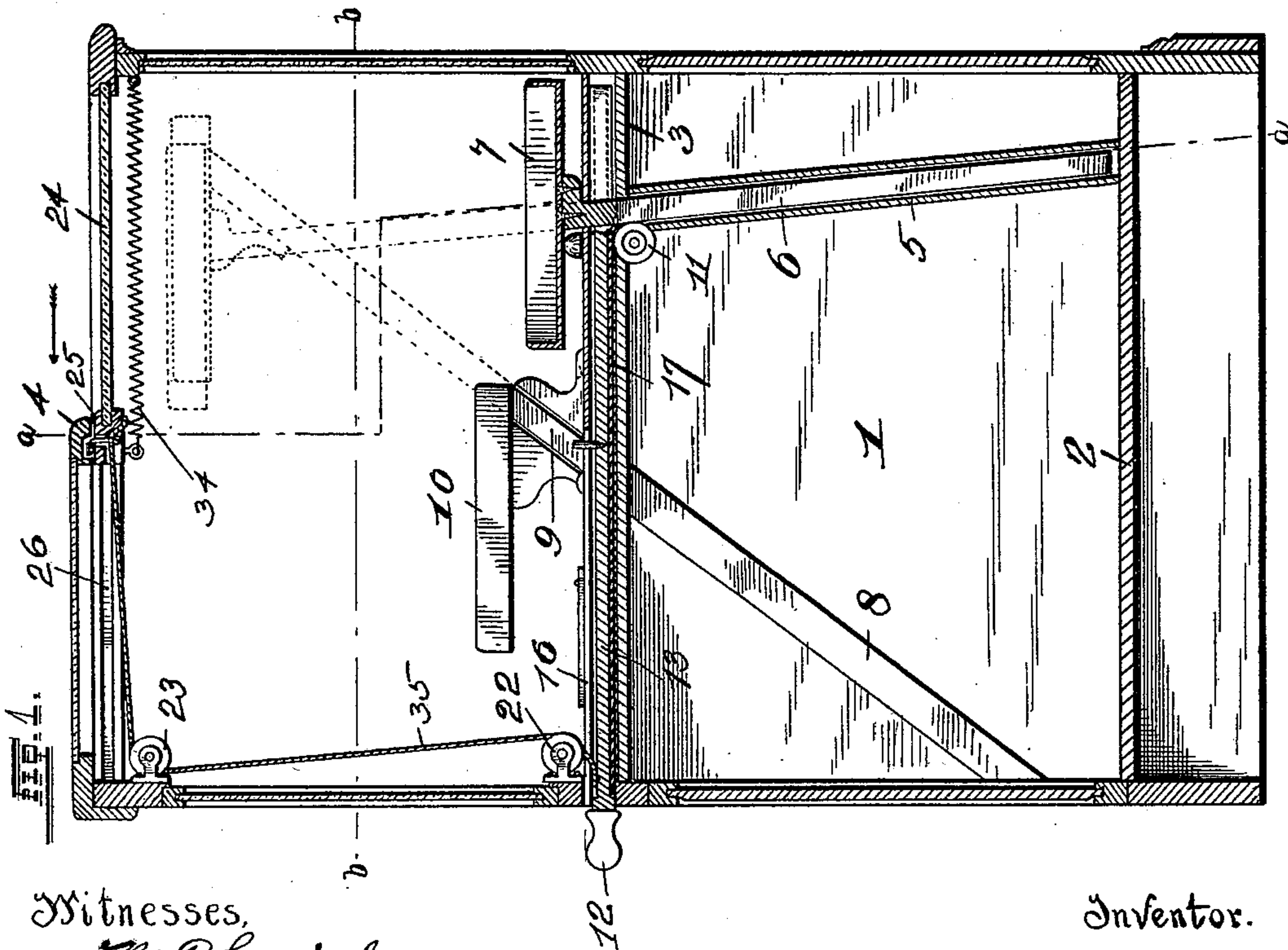
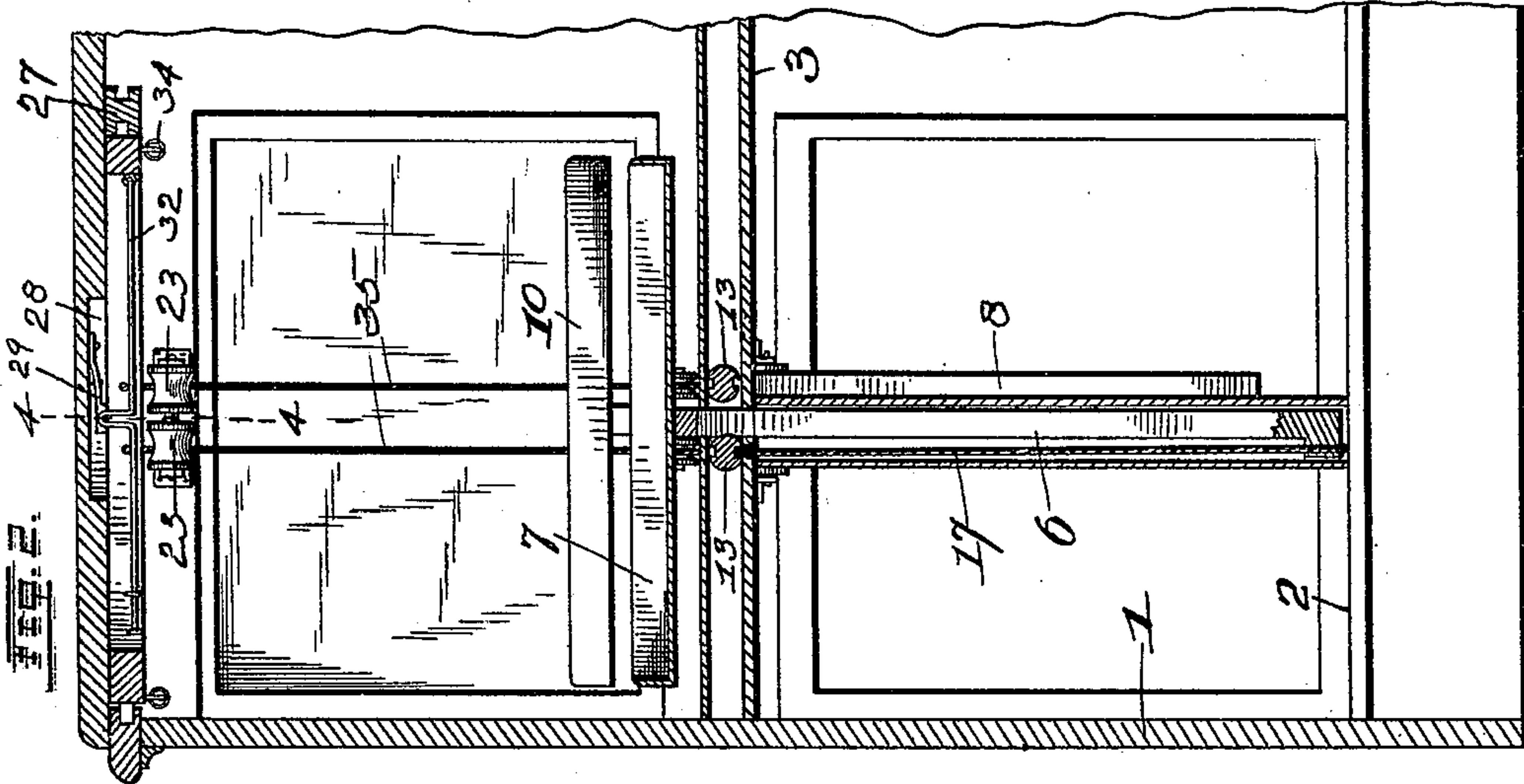
Patented Feb. 27, 1900.

F. MAGUOLO.  
CIGAR CASE.

(Application filed Aug. 10, 1899.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses,

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*By Higdon & Longan Attys.*

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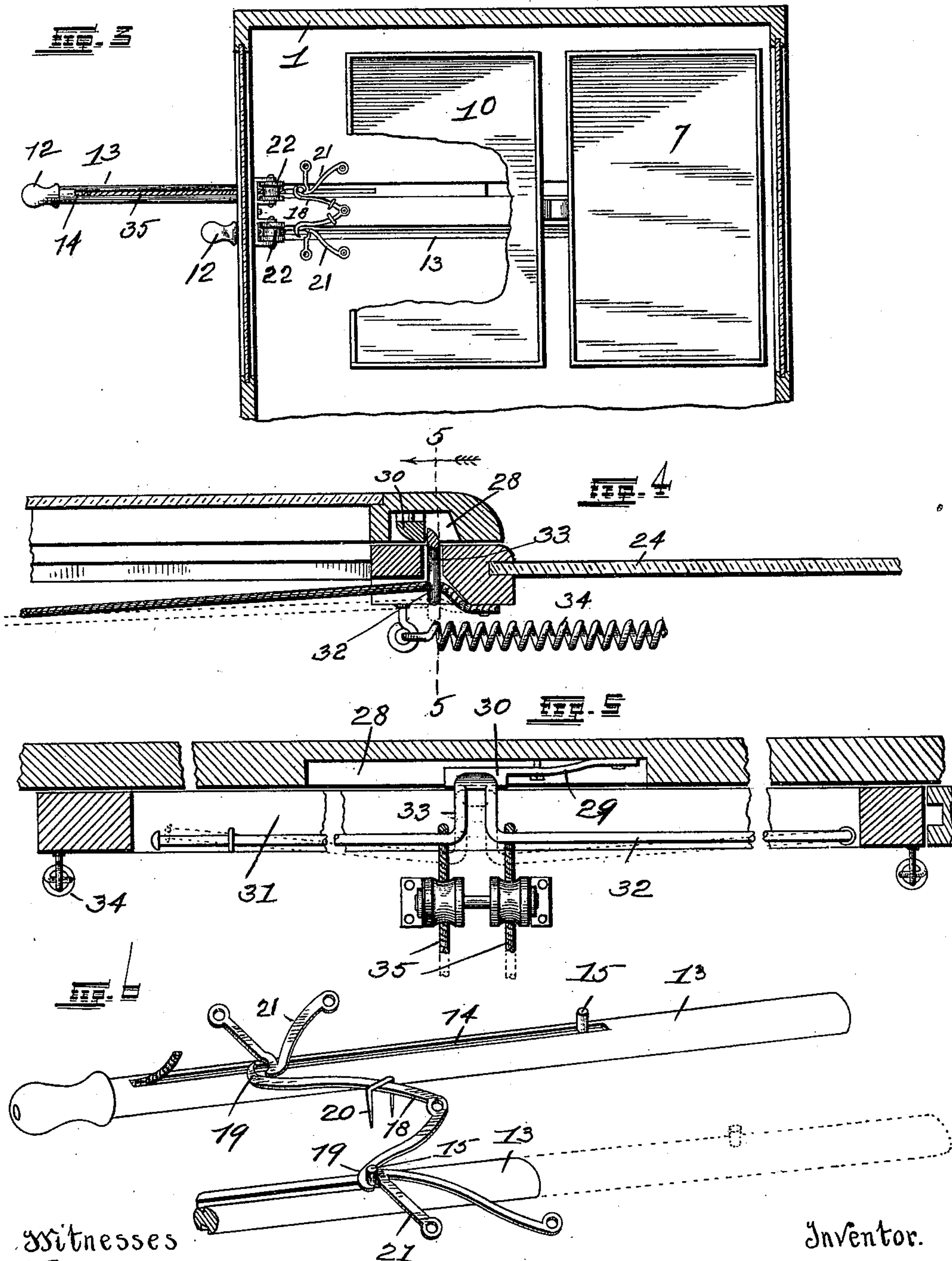
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M. Pluich  
Maude Griffin.

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# UNITED STATES PATENT OFFICE.

FERDINAND MAGUOLO, OF EDWARDSVILLE, ILLINOIS.

## CIGAR-CASE.

SPECIFICATION forming part of Letters Patent No. 644,435, dated February 27, 1900.

Application filed August 10, 1899. Serial No. 726,799. (No model.)

*To all whom it may concern:*

Be it known that I, FERDINAND MAGUOLO, of the city of Edwardsville, Madison county, State of Illinois, have invented certain new and useful Improvements in Cigar-Cases, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to cigar-cases, and is an improvement on the cigar-case a patent for which was granted to me March 10, 1896, numbered 556,192.

My invention consists of the novel construction, combination, and arrangement of parts hereinafter described and claimed.

Figure 1 is a vertical sectional view through the center of my improved cigar-case. Fig. 2 is a vertical sectional view taken on the line *a a* of Fig. 1. Fig. 3 is a horizontal sectional view taken on the line *b b* of Fig. 1. Fig. 4 is an enlarged sectional view taken on the line 4 4 of Fig. 2. Fig. 5 is an enlarged sectional view taken on the line 5 5 of Fig. 4. Fig. 6 is a view in perspective of a latch device made use of in carrying out my invention.

In the construction of my improved cigar-case a rectangular box-like structure is formed composed of four side walls 1 and the base 2, in which structure is horizontally arranged a pair of partitions 3, the same being arranged midway between the top and bottom of the structure, and the portions of the front and rear walls of the structure above these partitions are provided with glazed sections in order that the interior of the upper portion of the structure may be readily viewed from the outside. Extending transversely across the center of the top of the structure is a rail 4, and the space between said rail and the rear upper corner of the structure is glazed and the space between said rail and the top of the front wall of the structure is normally closed by a sliding glazed frame, yet to be described. Extending downwardly from the lower one of the partitions 3, adjacent the front wall of the case, is a rectangular tube 5, in which is arranged to slide a bar 6, the upper end of which carries a tray 7, and extending downwardly from the partition 3 a slight distance to the rear of this tube is a

second rectangular tube 8, in which is arranged to slide a bar 9, the upper end of which carries a tray 10. A grooved roller 11 is rotatably arranged in a position at the upper end of the rear side of each of the tubes 5 and 8, and arranged to move rearwardly from each tube between the partitions 3 are the operating-handles 12, the same comprising the straight bars 13, circular in cross-section and provided in their top and bottom surfaces with the longitudinally-extending grooves 14. These bars are provided with the vertically-projecting pins 15, which extend through and operate in longitudinally-extending slots 16, formed in the top one of the partitions 3. Fixed to the bars 13 within the rear ends of the grooves 14 are the cords 17, the same extending forwardly through the grooves on the under side of said bars from the grooved pulleys 11, and the lower ends of said cords are secured to the lower ends of the bars 6 and 9, which operate in the tubes 5 and 8 and carry the trays 7 and 10. Positioned on the top one of the partitions 3 at a point adjacent the rear wall of the case and upon that portion of said partition that is between the slots 16 is a V-shaped spring 18, the ends of which are formed into the hooks 19, the center or apex of said V-shaped spring being rigidly fixed by means of a screw or pin, and the arms of said spring are restricted against excessive movement in either direction by staples 20, which are engaged over said arms.

Located upon the upper one of the partitions 3 directly opposite each one of the arms of said V-shaped spring 18 are the hooks 21, the points of which occupy positions directly over the slots 16 and directly in front of the hooks 19 on the ends of the spring 18.

Secured to the inner surface of the rear wall of the case immediately above the top partition 3 and above each one of the handles 12 is a grooved roller 22, and in a corresponding position on the inside of said rear wall, just below the top thereof, are the grooved rollers 23. A sliding panel or frame that normally closes the front half of the top of the case comprises a rectangular section 24 of heavy plate-glass, the rear edge of which is fitted into a sliding bar 25, and the side edges of said section of glass slide in grooves



26, formed in the top edges of the ends of the case, or when the case is of some length a parting-strap 27, having grooves in its sides, will provide means for retaining the edges of the sliding glass.

In the under side of the rail 4 is formed a recess 28, in which is held a leaf-spring 29, the outer end of which carries a plate 30, and formed in the center of the bar 25 is a longitudinally-extending slot 31, in which is located a spring-bar 32, the ends of which are fixed and the center of which is provided with a vertically-arranged finger 33, which is adapted to engage behind the plate 30 of the spring 29. The rear ends of retractile coil-springs 34 are secured to the ends of the bar 25, the forward ends of which coil-springs are secured to the inside face of the top of the front of the case. Secured to the front lower edge of the bar 25 are the forward ends of a pair of cords 35, the same extending upwardly over the spring-bar 32, from thence rearwardly over the grooved rollers 23, and from thence downwardly around the grooved rollers 22, and the ends of said cords are fixed in the top grooves 14 in the pair of bars 13.

In the use of my improved cigar-case the boxes of cigars are placed directly upon the trays 7 and 10, the same normally occupying the positions shown in Figs. 1 and 2, and when so positioned the case is entirely closed, the sliding glass plate 24 being in its forward position, and when so positioned the finger 33 of the spring-bar 32 occupies a position just in front of the plate 30. When the salesman desires to open the case and bring the desired box of cigars into a position where the contents of the box may be easily removed, the handle 12 corresponding to the tray which it is desired to elevate is engaged and said handle is pulled rearwardly, and in so doing the cord 35, that is secured to said handle, is pulled downwardly and rearwardly, and this movement pulls downwardly the center of the spring-bar 32, as shown by dotted lines in Fig. 5, thus causing the finger 33 to be disengaged from the plate 30, and the bar 25, carrying the glass plate 24, will move rearwardly to a position beneath the rear half of the top of the case, during which movement the cord 35, that is secured to the bar 13 that is being pulled rearwardly, will pass into and occupy a position within the top one of the grooves 14 in said bar, and simultaneous with this movement the cord 17, secured to the bar 13 that is being pulled rearwardly, will pull upon the bar 6 or 9, to which it is fixed, and said bar, carrying its tray, will be elevated to a position shown by dotted lines in Fig. 1, which position is at a point just below the space formerly occupied by the sliding section of glass and which is a position where the contents of the box carried by the tray is free to be inspected or removed.

Should it be desired to allow the case to remain open with the goods elevated, the operator pulls the bar 13 rearwardly until the pin

15, carried by said bar, passes beyond the point of the hook 21, and in order to do this one of the arms of the V-shaped spring 18 will necessarily be sprung inwardly a slight distance until the pin passes around the point of the hook 21. When in this position, the case will remain open and the tray of goods elevated. When it is desired to again lower the tray and close the case, the operator engages the handle 12 of the bar 13 and slightly rotates the same, thus causing the arm of the spring 18 against which the pin 15 is engaged to spring inwardly a slight distance, and in this position the pin is free to pass the point of the hook 21 against which it was engaged, and after this action has been accomplished the operator allows the bar 13 to move forwardly through the case, and in so doing the bar and tray which were previously elevated will lower to their normal position and the sliding glass plate 24 will be drawn to its normal position to close the front half of the top of the case by the action of the retractile coil-springs 34, and when said glass plate and the bar 25 reach their normal positions the finger 33 of the spring-bar 32 will engage in front of the plate 30 and the case will be latched.

A case of my improved construction is simple, inexpensive, easily operated, can be used for various classes of goods other than cigars, and when the case is opened the goods are brought into a position where they may be readily removed by the salesman or purchaser.

I claim—

1. In a case of the class described, a rectangular framework, a pair of horizontally-arranged partitions in said framework, in the upper one of which are a plurality of slots extending inwardly from the rear side, bars arranged to pass vertically through said partitions, trays carried by the upper ends of said bars, operating-handles arranged to move rearwardly between the horizontal partitions to the rear of said bars, flexible connections between said handles and the vertically-moving bars, pins fixed in the said handles, which pins pass through the slots in the upper one of the horizontal partitions, and spring-hooks arranged on the upper one of said partitions for engaging the pins when the same are at their rearward limit of movement, substantially as specified.

2. In a case of the class described, a rectangular framework, a pair of horizontally-arranged partitions in said framework, in the upper one of which are a plurality of slots extending inwardly from the rear side, bars arranged to pass vertically through said partitions, trays carried by the upper ends of said bars, operating-handles arranged to move rearwardly between the horizontal partitions to the rear of said bars, flexible connections between said handles and the vertically-moving bars, pins fixed in the said handles, which pins pass through the slots in the upper one of the horizontal partitions, spring-hooks ar-



5 ranged on the upper one of said partitions for engaging the pins when the same are at their rearward limit of movement, a section of plate-glass arranged to slide in the top of the case, and flexible connections from said section of plate-glass to the said handles whereby said section of glass is moved rearwardly simultaneous with the vertical movement of either

one of the tray-carrying bars, substantially as specified. 10

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

FERDINAND MAGUOLO.

Witnesses:

WM. H. KROME,  
A. T. WOLF.