

H. B. WINTER.  
INDICATOR FOR POST OFFICES.

No. 447,803.

Patented Mar. 10, 1891.

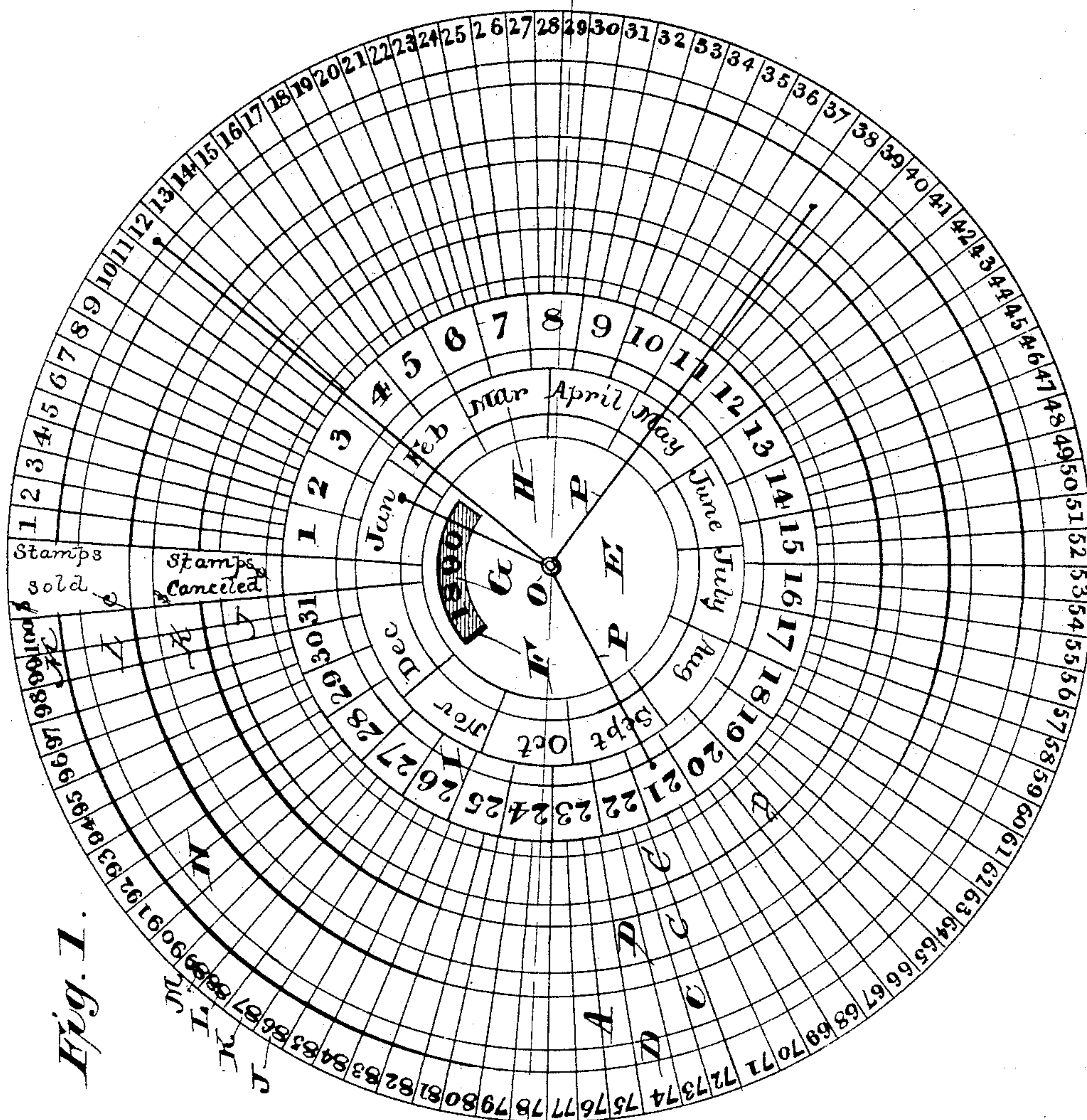
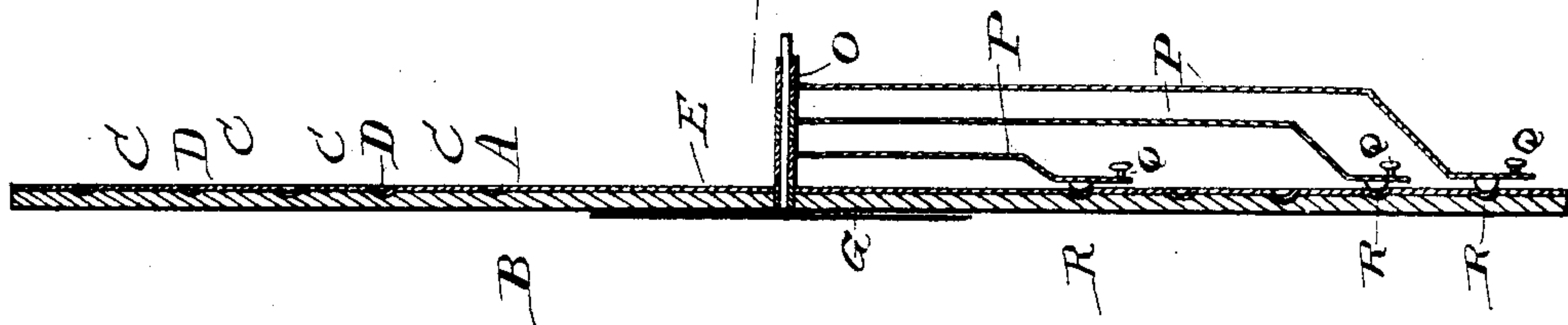


Fig. 1.



*Fig. 2.*

WITNESSES

To  
 Mr. Fanner

*INVENTQR*

INVENTOR  
Liran D. Winter  
by  
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# UNITED STATES PATENT OFFICE.

HIRAM B. WINTER, OF TYRCONNELL MINES, WEST VIRGINIA.

## INDICATOR FOR POST-OFFICES.

SPECIFICATION forming part of Letters Patent No. 447,803, dated March 10, 1891.

Application filed April 12, 1890. Serial No. 347,588. (No model.)

*To all whom it may concern:*

Be it known that I, HIRAM B. WINTER, a citizen of the United States, residing at Tyrconnell Mines, in the county of Taylor and State of West Virginia, have invented certain new and useful Improvements in Indicators for Post-Offices; 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.

My invention relates to indicators; and it consists in the improved construction and arrangement or combination of parts of an indicator for indicating the amount of stamps canceled and sold each day in a post-office, as hereinafter fully disclosed in the description, drawings, and claim.

The objects of my invention are, first, to provide an improved indicator for indicating the amounts of stamps canceled and sold each day in a post-office, and, second, to provide improved means for guiding the hands or pointers which indicate the amounts and dates. These objects are attained in the device illustrated in the accompanying drawings, forming part of this specification, in which the same reference-letters indicate the same parts, and in which—

Figure 1 represents a face view of my improved register and indicator, and Fig. 2 a diametrical section of the same.

In the drawings, the letter A indicates a dial, which is preferably made of sheet metal mounted upon a suitable backing B of wood or other material. The dial has marked upon it a number of concentric annular spaces C, separated from each other by circular grooves D. The central circular space E of the dial has a slot F, behind which a card or slide G, having the number of the year, may be secured to show said number through the slot. The innermost annular space is subdivided into thirteen subdivisions H, in twelve of which the names of the month are marked, leaving one blank space. Outside of said inner space is the circular groove D and another space, which is subdivided into thirty-two subdivisions I, each subdivision having the date of one day of the month inscribed in it and one subdivision having a blank. The four annular spaces C outside of said space

are each divided into one hundred and one subdivisions J, K, L, and M by means of radiating lines N, and said subdivisions are inscribed in regular progression with numbers from 0 to 100. The numbers of the inner space indicate the value in cents of the amounts of stamps canceled. The next space has the numbers indicating the value in dollars of the amounts of stamps canceled. The next space has the numbers indicating the value in cents of the amounts of stamps sold, and the subdivisions of the outermost space have the numbers indicating the value in dollars of the amounts of stamps sold.

A post or arbor O is secured at the center of the dial, and a number of indices, pointers, or hands P are pivoted at their inner ends, one above the other, upon said post or arbor. The shortest of said pointers or hands is pivoted near the lowermost end of the post, and so forth, the longest pointer or hand being pivoted at the uppermost end of the post, so that each pointer or hand may be revolved entirely around the dial without interfering with the others. The pointers or hands are made of spring metal, and have their outer portions bent downward and outward to form sliding ends Q, which are formed with knobs or projections R, which slide in the circular grooves D.

The blank or zero subdivisions of the annular spaces register and have preferably inscribed in them the denominations of coin indicated in the corresponding spaces, and the classes of stamps registered as "stamps sold, \$ and ¢," or "stamps canceled, \$ and ¢."

From the foregoing it is obvious that the value of the amounts of stamps sold or canceled in a post-office may be easily indicated by moving the corresponding hands to the numbers indicating the values of stamps sold or canceled. The date and month are indicated by their respective hands, and thus the amounts of a day's sales and cancellations may be easily determined. When no sales or cancellations are registered at the beginning of the day, the hands are placed upon the blank or zero spaces. The shape of the hands will keep them firmly at their places when adjusted, and the grooves in the dials and the knobs upon the hands will guide the

latter and keep them in their adjusted positions by said knobs bearing against the sides of the grooves.

5 Having thus fully described the construction and arrangement or combination of the several parts of my improved register and indicator, its operation, and advantages, what I claim as new is—

10 In an indicator, the combination of a dial having annular concentric indicating-spaces and circular grooves between said spaces, a central post, and hands of unequal lengths

pivoted upon said post, having their outer portions bent downward and outward and provided with knobs which slide in said 15 grooves upon the under sides of said outwardly-bent ends, substantially as described.

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

HIRAM B. WINTER.

Witnesses:

B. F. BAILEY,

C. C. FRUM.