(No Model.)

F. HORN.
Pocket Register.

No. 236,032. Patented Dec. 28, 1880.

Fig: 1.

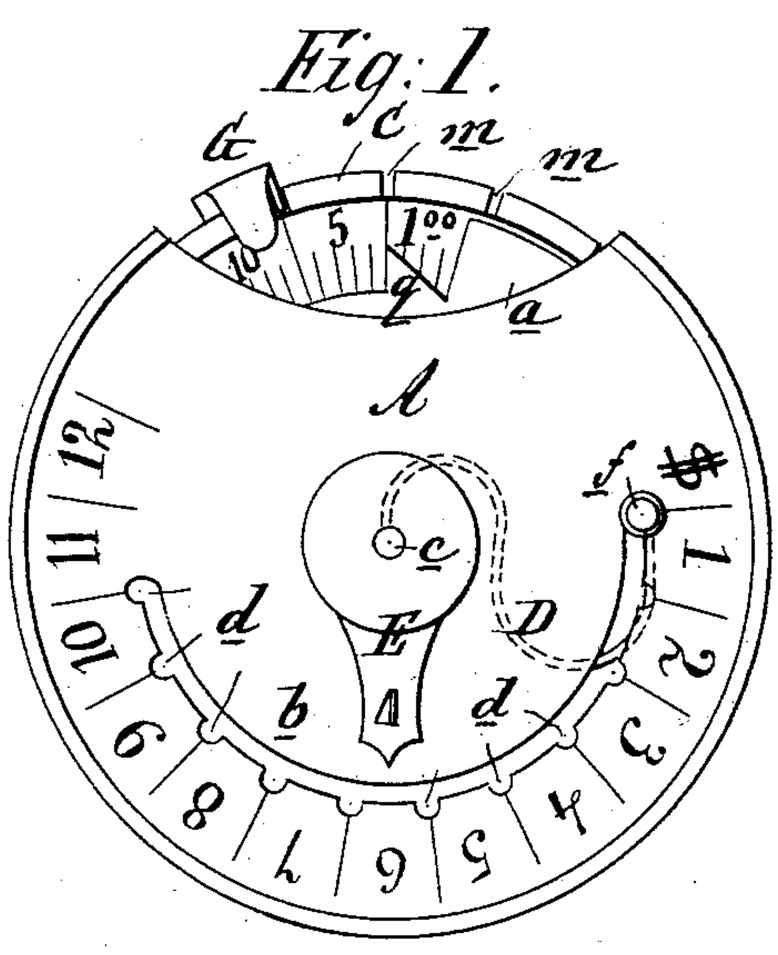


Fig: 2.

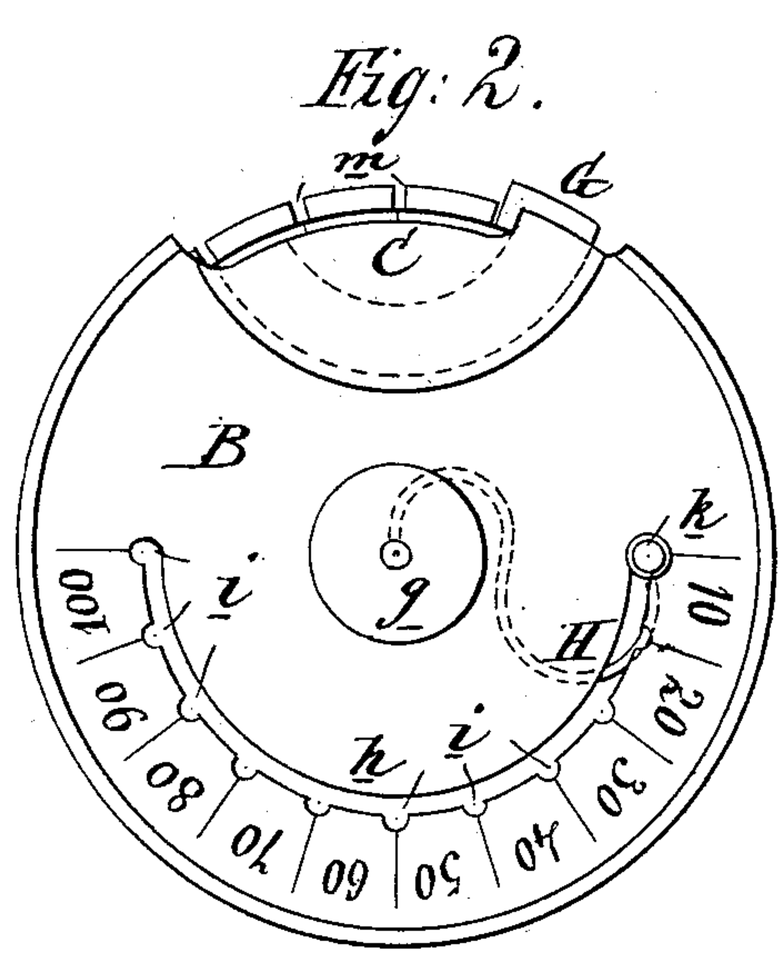


Fig: 3.

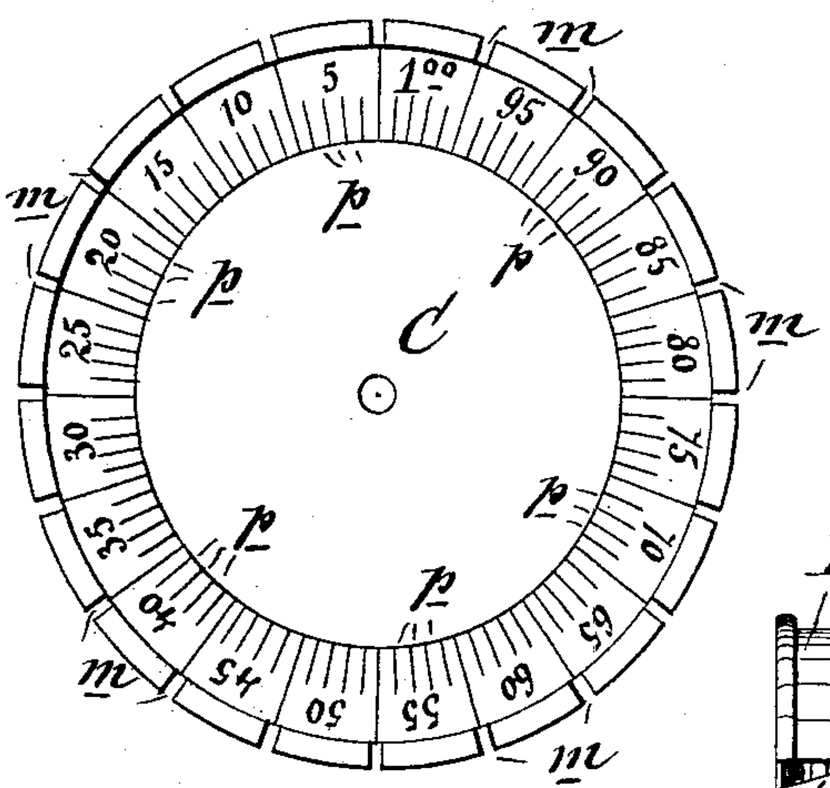


Fig: 4.

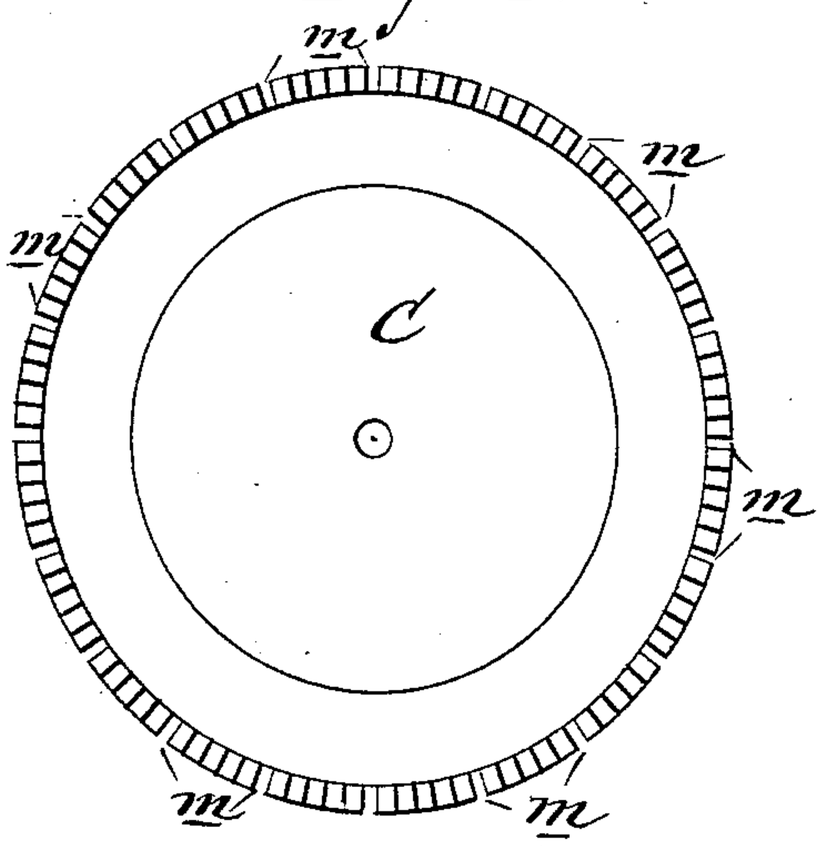
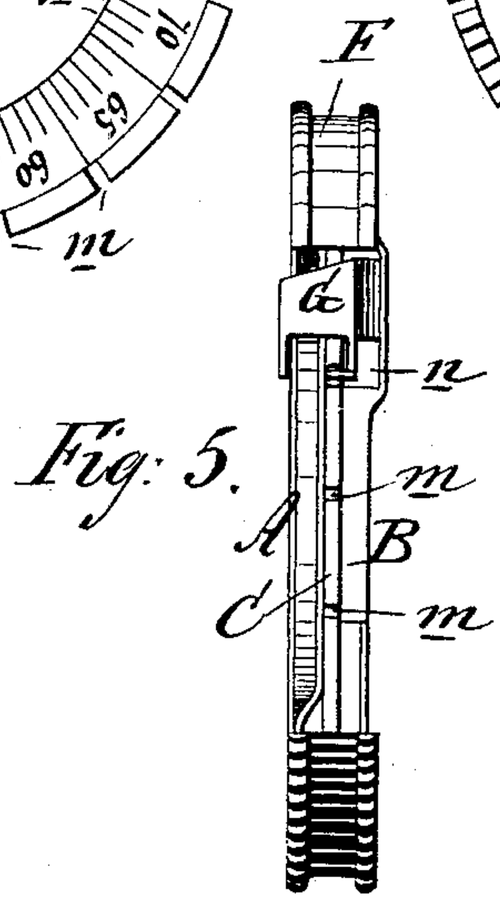


Fig: 5.



WITNESSES:

A. Schehl.

b. Sedgwick

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F. Horn

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

FREDERICK HORN, OF ST. LOUIS, MISSOURI.

POCKET-REGISTER.

SPECIFICATION forming part of Letters Patent No. 236,032, dated December 28, 1880.

Application filed May 13, 1880. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK HORN, of St. Louis, in the State of Missouri, have invented a new and Improved Pocket-Register, of which the following is a specification.

The object of this invention is to provide a simple and convenient device for recording or registering one's daily expenses.

The invention consists of two small disks of metal or other suitable material, marked with numerals on their outer faces, placed back to back, and united at their edges for about three-quarters of their circumference, and of a third and movable disk that may be held fixed by a spring, having certain numbers, lines, and indentations on and about its edge, inserted between the other disks and pivoted in place on a pin that passes centrally through them.

Figure 1 is an enlarged front elevation of the device. Fig. 2 is an enlarged rear elevation of the same. Fig. 3 is an enlarged front elevation of the central plate or disk. Fig. 4 is an enlarged rear elevation of the central plate or disk. Fig. 5 is an enlarged plan of the device.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the front plate or disk, having its upper edge cut away and indented, as shown at *a*, the better to exhibit and indicate the numbers on the inner revolving plate or disk, C. This plate A is provided with a curved slot, *b*, concentric with its circumference and extending half-way around it, below the central pivoting-pin, *c*, and radiating from this slot *b* are the indentations *d d*. Between the slot *b* and the circumference of the said disk or plate A the numbers from 1 to 12, inclusive, are plainly stamped or marked, and with the dollar-mark preceding them, as shown. A curved spring, D, that is pivoted on the pin *c*, between the plates A C, carries on its free end a stud, *f*, that projects through the slot *b* or covers the projecting end of the spring D, and is held, by the action of said spring D, in any one of the indentations *d d* in which it may be placed. An index-hand or pointer, E, is pivoted on the face of the plate A, on the central pin, *c*, and is designed to be moved to point to the numbers around the circumference of the said plate.

The back plate, B, is connected to the front plate, A, by means of the rim F, while the central pin, *c*, that carries the pointer E, passes through all the plates A B C, and is riveted in a burr, *g*, on the face of said plate B. This plate B is provided with a curved slot, *h*, having radial indentations *i* similar to those in plate A, and has also a stud, *k*, operated by a curved spring, H, similar to that connected with plate A. Between the slot *h* and the circumference of the said plate B the numbers 10 20 30 40 50 60 70 80 90 100 are plainly marked or stamped in the order as herein set down. On the inner edge of this plate B, at the point where it is cut away, is fastened a small spring-plate, G, that is designed to engage in the notches *m* of the central disk or plate, C, to hold said plate C in position, said plate B being recessed, as shown at *n*, to permit the free movement of said spring G. On the edge of the disk or plate C, which plate revolves on the central pin, *c*, are twenty equidistant notches, *m*, which notches *m* are numbered from 5 to 100 in arithmetical ratios of 5, and between each notch and the next succeeding one are four radial lines, *p*. The notches *m* are designed to represent five cents each, and the lines *p* to each represent one cent, in registering.

The register is to be held in the left hand with the face of plate A toward the operator. The left thumb is then pressed upon the spring G to disengage said spring from the notch *m*, in which it may be engaged. Then, with the forefinger of the right hand the plate C is moved so that any figure or number to be registered may be brought opposite the point *q* of the plate A, which point *q* serves as a marker. When this plate C thus shows a dollar expended (the number 100 brought opposite the the marker *q*) said amount is transferred to the dollar account on the face of plate A by setting the stud *f* in the indentation *d* pertaining to the figure 1, and the plate C is turned back so that the notch *m* immediately preceding the figure 5 shall be brought opposite the marker *q*. When the number 10 shall have been registered on the face of the plate A the amount is transferred to the plate B, where the stud *k* is then moved to register the

number 10, and the stud *f* is then moved into the indentation *d* at the left of the figure 1 on the plate A.

An account or register of all sums of money expended up to a dollar can be kept on the plate C. A register of sums from one dollar up to ten dollars can be kept on plate A, and from ten to a hundred dollars on plate B, and the index-hand E may be used to point to the number of the month in which the registering is made.

By this device the record of a person's daily expenses can be kept without the troublesome recourse to pencil and paper or memorandum-books for every expenditure, and at any time a person can transfer the aggregate amount expended to his account-books.

I do not confine myself to the precise construction of the register as herein shown and described, as it is evident that changes in the construction may be made without departing from the principle of my invention.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

As an improved article of manufacture, a pocket-register constructed substantially as herein shown and described, consisting of two fixed slotted plates, A B, joined together at their edges by rim F, and holding between them a plate, C, revolving on a central pivot, of spring-actuated indicating or pointing studs *f k*, spring G, and index-hand E, said fixed plate A being cut away at its edge and having stamped or otherwise marked on its face the figures from 1 to 12, inclusive, said plate B being also cut away at its edge and having stamped on its face the numbers from 10 to 100 in arithmetical ratios of ten, and said revolving plate C being provided with twenty equidistant peripheral notches and intermediate radial lines, and with numbers or figures from 5 to 100 in arithmetical ratios of five, as herein set forth.

FREDERICK HORN.

Witnesses:
R. H. FOLLENIUS,
F. GUERDAN.