

July 14, 1925.

1,546,259

H. R. SCHROTH

HOUSEHOLD EXPENSE RECORDING APPARATUS

Filed Dec. 15, 1923

Fig. 1.

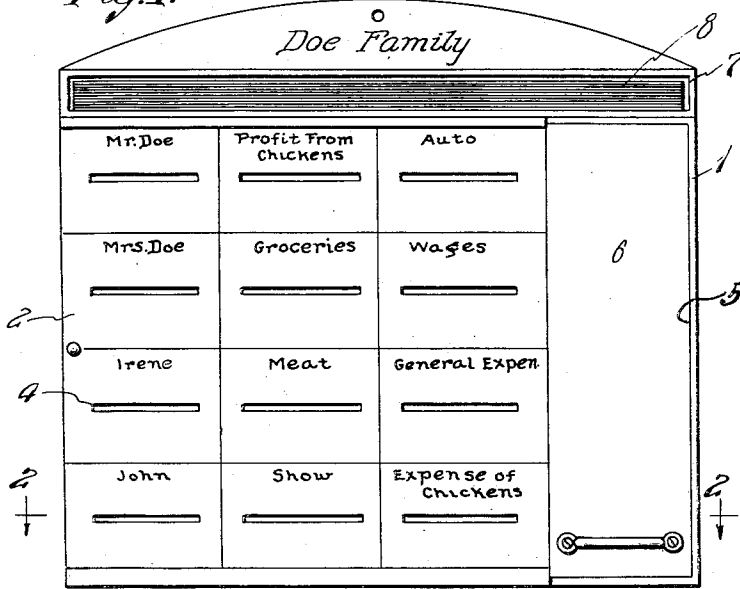


Fig. 2.

| Mr. Doe |  |
|---------|--|
| Jan.    |  |
| Feb.    |  |
| Mar.    |  |
| Apr.    |  |
| May.    |  |
| June    |  |
| July    |  |
| Aug.    |  |
| Sept.   |  |
| Oct.    |  |
| Nov.    |  |
| Dec.    |  |
| Total   |  |

Fig. 2.

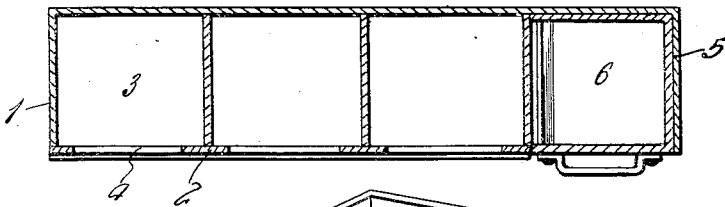


Fig. 3.

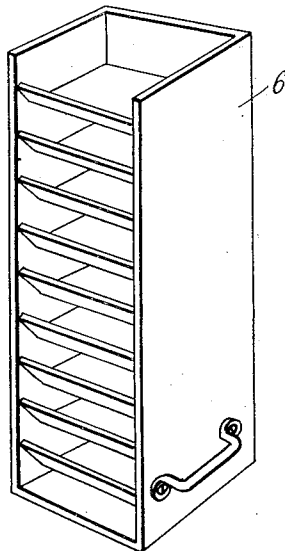
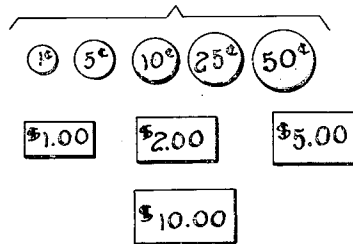


Fig. 3.



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WITNESS

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## UNITED STATES PATENT OFFICE.

HERMAN RICHARD SCHROTH, OF MELVILLE, SASKATCHEWAN, CANADA.

## HOUSEHOLD-EXPENSE-RECORDING APPARATUS.

Application filed December 15, 1923. Serial No. 681,026.

*To all whom it may concern:*

Be it known that I, HERMAN R. SCHROTH, a subject of the King of Great Britain, residing at Melville, in the Province of Saskatchewan and Dominion of Canada, have invented new and useful Improvements in Household-Expense-Recording Apparatus, of which the following is a specification.

The object of my said invention is the provision of an apparatus by the use of which the amounts of money expended by a family for different purposes may be readily ascertained at the end of a predetermined period of time, say one month, so that the expenditures for some purposes, particularly entertainment purposes, may be emphasized with a view to bringing about the practice of economy.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, forming part of this specification:—

Figure 1 is a plan view of the casing comprised in my novel apparatus.

Figure 2 is a section taken through said casing in the plane indicated by the line 2—2 of Figure 1.

Figure 3 comprises disconnected views of the units included in the apparatus to designate pieces of money of different denominations.

Figure 4 is a face view of one of the record cards comprised in the apparatus.

Figure 5 is a detail view illustrative of the drawer in which the units representing pieces of money are stored precedent to use of the apparatus.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

The casing of the apparatus includes a casing body 1 and a cover 2, the said cover 2 being removable or adapted to be opened at the end of a predetermined period, say one month, so that access may be readily had to the contents of compartments 3 in the casing body 1. Twelve of the said compartments are comprised in the illustrated embodiment, but it is obvious that any number of compartments may be employed in the discretion of the manufacturer. It is also to be understood that when deemed expedient each compartment 3 is to bear a designation appropriate to its particular use. For instance four of the compartments will bear

designations of the members of a family, father, mother, son and daughter, the said compartments being designed to receive monetary units indicating the personal expenditures of the members of a family. Other compartments will bear designations covering family expenditure such as "Profit from chickens", "Groceries", "Meat", "Shows", "Automobile", "Wages", "Chicken expense" and "Miscellaneous".

The cover 2 is designed to bear inscriptions similar to those just ascribed to the casing body 1 or rather to the compartments 3 thereof, and it will also be noted that the cover 2 is provided with slots 4 for the passage of monetary units, there being one slot 4 for each compartment.

The monetary units shown in detail in Figure 3 consist by preference of twenty circular metallic pieces of the denomination 1¢, twenty circular pieces of the denomination 5¢, twenty circular pieces of the denomination 10¢, twenty circular pieces of the denomination 25¢ and twenty circular pieces of the denomination 50¢, together with ten rectangular pieces of the denomination of one dollar, ten rectangular pieces of the denomination of two dollars, five rectangular pieces of the denomination of five dollars, and five rectangular pieces of the denomination of ten dollars. These monetary units may, of course, be varied in number as experience teaches, and I would also have it understood that the circular units may be varied in diameter, and the rectangular units may be varied in size as occasion demands.

The apparatus also comprises a drawer compartment 5, a drawer 6 removably arranged therein, and a holder or rack 7 for monthly record cards 8, it being understood that the record cards 8 are removably arranged, in the holder or rack 7, and that the record cards will correspond in number to the compartments 3, and that there will be a record card 8 bearing an appropriate or corresponding inscription for each compartment 3. For instance one record card will bear at its head the inscription "Mr. Doe", and each of the record cards will bear on its face below the designating inscription properly designated spaces for the entry of the expenses of each month, and a space at the lower end of the face for the yearly total.

When desired the drawer compartment 5 may be comprised in the casing body 1 as

illustrated so that the apparatus as a whole may be conveniently handled as a unit, and it will also be understood that the apparatus as a whole may be supported in any manner compatible with the purpose of my invention.

In the practical use of my novel apparatus when the housewife expends say one dollar for meat it is her province to open the drawer 6 and take from the proper compartment therein one of the one dollars units, and it is also her province to drop the said monetary unit through the slot 4 in communication with the compartment in the casing body appropriated to meat expenditures. So also when any one of the members of the family expends 50¢ for attendance at a show, it is the province of that member of the family to remove one of the 50¢ monetary units from the proper compartment in the drawer 6 and deposit the said monetary unit through the slot 4 complementary to the compartment 3 for show expenditures, and so on. Thus at the end of a predetermined period, say one month, it may be readily ascertained just how much money has been expended for the purposes for which money is used in the running of a family. This is done by counting the monetary units in the several compartments 3, one compartment at a time and then the amount of the expenditures during the month can be entered on the card 7 appropriated to the particular kind of expenditure. In this way by a mode of procedure that is largely mechanical a family is able to ascertain at the end of the month just how much money is expended for each of the purposes enumerated, and where money is paid out and money is received in connection with some activity such as the keeping of chickens, the money received and the money paid out may be readily compared so as to arrive at the profit or the deficit as the case may be.

An important result following from the use of my novel apparatus resides in the fact that the apparatus serves to emphasize the expenditure of undue amounts of money for different things such as shows, automo-

bile, meats and the like and makes manifest the lines in which economy should be practiced in the following month.

It will also be apparent that by referring to and comparing the several cards 7, the amounts of money spent in different months for particular purposes may be readily ascertained.

Notwithstanding the practical advantages ascribed to my novel apparatus it will be manifest from the foregoing that the apparatus is simple and inexpensive in construction, is adapted to be used to advantage by the illiterate as well as by the intelligent persons, and that when desired the apparatus may be embellished so as to enhance rather than detract from the neat appearance of the kitchen or other apartment in which the apparatus is located.

I have entered into a detailed description of the construction and relative arrangement of the parts embraced in the present and preferred embodiment of my invention in order to impart a full, clear and exact understanding of the said embodiment. I do not desire, however, to be understood as confining myself to the specific construction and relative arrangement of parts inasmuch as in the future practice of the invention various changes and modifications may be made such as fall within the scope of my invention as defined in my appended claim.

Having described my invention, what I claim and desire to secure by Letters Patent, is:—

A household expense recording apparatus comprising a receptacle having appropriately designated compartments for expenditures for different purposes, and groups of monetary units of different denominations adapted to be handled one by one and to be placed one by one in different compartments of the receptacle incident to the expenditure of a particular sum of money for the particular purpose represented by the compartment.

In testimony whereof I affix my signature.

HERMAN RICHARD SCHROTH.