

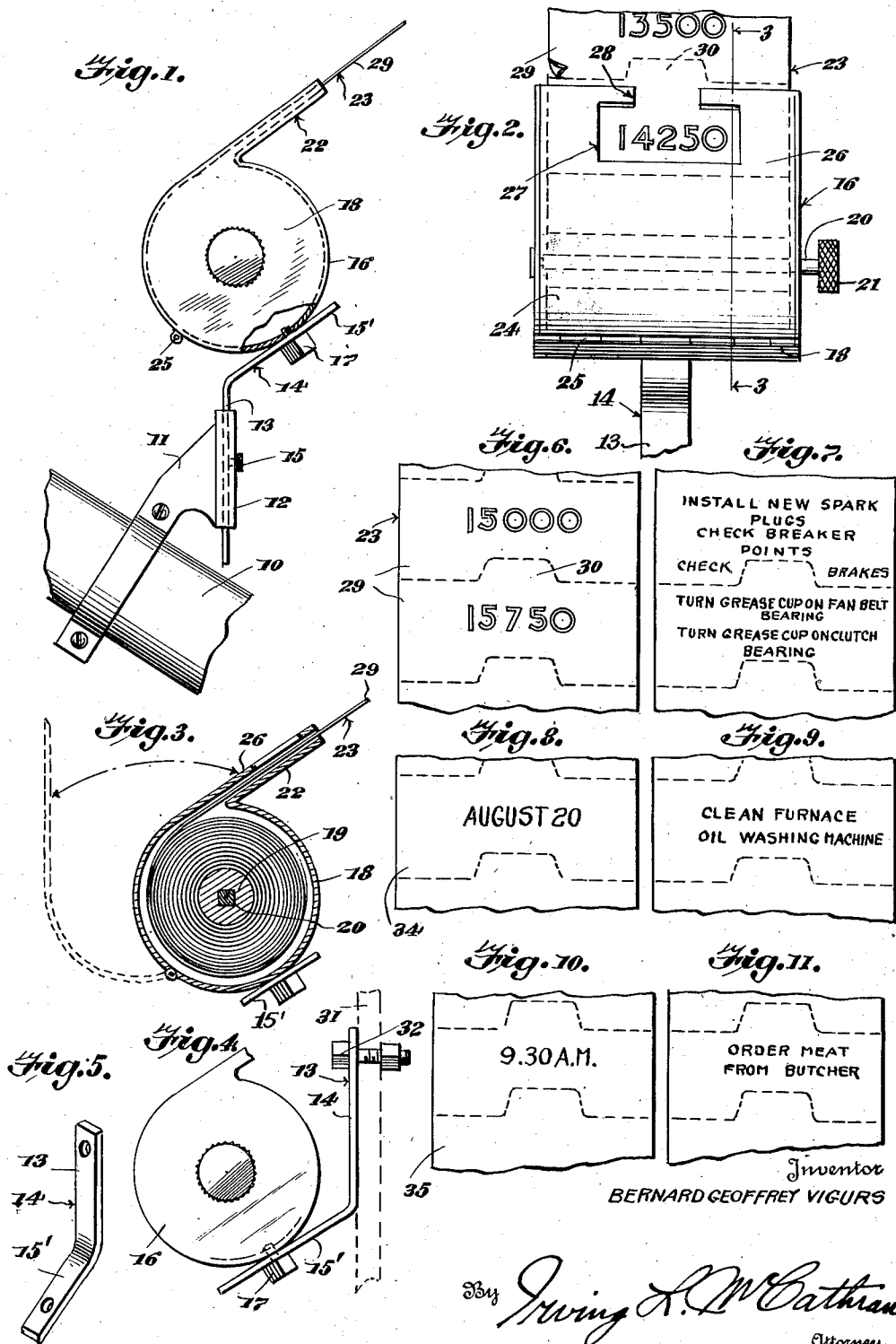
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SCHEDULED INSTRUCTION DEVICE

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## UNITED STATES PATENT OFFICE

2,258,525

## SCHEDULED INSTRUCTION DEVICE

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## 1 Claim. (Cl. 40—82)

This invention relates to a guideometer, and has for one of its objects the production of a simple and efficient means for giving directions as to the performance of certain duties at pre-determined intervals and at the same time giving directions with respect to the manner in which these duties must be performed to insure timely and efficient attention to important tasks which must not be overlooked.

A further object of this invention is the production of a simple and efficient means for conveniently supporting a direction strip or roll, in such a manner whereby the strip or roll may be easily and conveniently observed.

Another object of this invention is the production of a simple and efficient guideometer which is specially designed for use upon a motor vehicle and the like, so that important directions to the user or owner of the vehicle may be easily observed, thereby insuring proper attention to the various important parts of the vehicle at a proper time and in a proper manner.

Other objects and advantages of this device will appear throughout the following specification and claim.

In the drawing:

Figure 1 is a side elevation of the guideometer, certain parts being shown in section, and showing the guideometer supported upon the steering post of an automobile;

Figure 2 is a front elevation of the guideometer;

Figure 3 is a vertical sectional view taken on line 3—3 of Figure 2;

Figure 4 is a side elevation of the guideometer shown supported upon the dash of an automobile, a portion of the desk of the guideometer being broken away;

Figure 5 is a perspective view of the supporting bracket for the guideometer;

Figures 6 to 11 inclusive, are plan views of the direction strips containing various direction information.

I have selected the name "guideometer" as one designating the particular type of device which I have perfected, the purpose of the invention being to provide a scheduled instruction device, whereby instructions are indicated periodically for the performance of certain duties at specified times or intervals.

By referring to the drawing, it will be seen that 10 designates a conventional motor vehicle steering post which supports a clamping bracket 11, the clamping bracket 11 having a vertically extending socket member 12 at one end in which

is adjustably mounted the vertically extending portion 13 of the guideometer supporting plate 14. A suitable set screw 15 may be carried by the socket member 12 for adjustably locking the vertical portion 13 in a set position. The supporting plate 14 is provided with an inclined end 15'.

A guideometer casing 16 is secured to the upper face of the inclined end 15' through the medium of a bolt 17, as shown in Figure 1. This casing 16 preferably comprises a cylindrical portion 18 in which is rotatably mounted a drum or spindle 19, which drum or spindle 19 is carried by a shaft 20, the shaft 20 being journaled in the ends of the casing 18 and having at its outer end an operating knob 21, as shown in Figure 2, for facilitating the rotation of the shaft 20 and the spindle 19, which spindle is fixed to the shaft 20 in the manner shown in Figure 3. The guideometer casing 16 is provided with an inclined lip 22 which constitutes a desk portion, the inclined lip extending at an angle of approximately 45° to the horizontal axis and inclining in substantially the same direction as the inclined end 15' of the supporting plate 14, as shown in Figure 1. This lip 22 is preferably elongated and of sufficient length to efficiently support the strip 23 hereinafter described. A cover plate 24 is hingedly secured, as at 25, to the casing or housing 18 and extends over the front portion of the casing closing the same and is provided with an overhanging lip 26, which overhanging lip 26 overhangs the lip 22 as shown in Figure 3. This lip 26 is provided with an elongated transversely extending aperture 27 and a reduced notch portion 28 near its outer end for the purpose hereinafter set forth.

A paper strip roll 23 is wound about the spindle 19 so as to be rotated therewith and the end of this strip 23 is threaded between or extends between the lip 22 of the casing or housing 18 and the overhanging lip 26 of the cover portion 24, as shown in Figure 3. The strip in the form shown in Figures 1 and 2 is preferably divided into a plurality of perforated sections 29 which sections are perforated to provide extending tabs 30 when separated, the tabs 30 projecting toward the outer end of the strip to facilitate the gripping of the tabs and sections by the fingers of the operator. These sections 29 are preferably in the form shown in Figures 1, 3 and 6, provided with indicia such as numerals indicating mileage upon one face and are provided upon their opposite faces in proper sequence instructions such as will be noted in Figure 7, indicating for instance

that at 15,000 miles new spark plugs should be installed, the brakes checked and also the distributor points checked. The next or succeeding tab is indicated upon one face at 15,750 miles and upon its reverse side a notation is printed such as "Turn grease cup on fan belt"—"Turn grease cup on clutch bearing." In this manner, a complete check may be had at proper intervals and the operator by observing and comparing the mileage upon the section 29 of the strip which is visible through the opening 27, with the mileage on the speedometer may have proper instructions as to the care of the car at that mileage. Consequently, by periodically comparing the mileage which appears in the opening 27 on the guideometer with the mileage on the speedometer, the driver or operator of the motor vehicle may, by detaching and consulting the visible section of the strip 23 be kept fully advised and instructed as to the proper care which should be given to the vehicle at properly checked intervals.

It should be borne in mind that the present device is located or supported upon the steering post of a motor vehicle in the form shown in Figures 1 to 3, inclusive, in a manner to be directly visible to the operator of the vehicle and will lie substantially behind the steering wheel in the line of easy vision of the operator and in a position to be easily compared with the conventional mileage meter or speedometer of the vehicle. The numerals are preferably printed large upon the sections 29 of the strip 23 so as to be easily visible and easily read. The notch 28 in the cover section 26 is preferably formed of sufficient size to normally underlie the cover 26, but when the strip 23 is fed outwardly to allow one section 29 to be detached, the tab 30 will extend beyond the cover section 26 within easy reach of an operator when the outer section is detached by tearing along the line of perforations as will be obvious by considering Figure 1.

The hinged cover 26 may be swung outwardly to the position shown in Figure 3 for the purpose of replacing the strip 23 which is wound upon the drum or spindle 19, and this cover normally fits tightly upon the sides of the casing 16 to firmly hold the cover in a set position so as to cause the lip 26 to overlie the lip 22 and to allow the strip 23 to be freely drawn therethrough.

The basic principle involved in the present invention is to provide a means of presenting in a readily and easily discernible manner a series of cards numbered, dated, or otherwise chronologically marked on the one side, and with instructions on the other side to correspond with the numbers, dates, etc., and presented in proper sequence to the user. Furthermore, if it be desired, a number of individual cards may be used for instance, instead of having the cards in a strip form, the cards may be placed in a box superimposed in order one on top of the other. Of course, it should be obvious that different makes of cars would naturally require different strips of instructions because of the different requirements, and likewise different strips of instructions would naturally be required for different purposes to which the idea might be applied. For instance, should the principle be applied to other uses, such as for a garden guide, the cards could show dates and items to be done on such dates throughout the year. Furthermore, an automatic operation may be provided, if desired, whereby the roll may be operated and geared to the speedometer and emerge from the

casing 18 in coordination with the mileage shown on the speedometer. Furthermore, the rolls may be replaced and the casing or housing 18 refilled when the original roll has been completely used.

The points of merit of the present invention are as follows: Its simplicity of operation does the user's thinking for him; it is inexpensive to make and easy to install; safety factor, prevents neglect of essentials; economy, avoids too much attention by dictating proper amount; continuous visibility insures attention; eliminates all guesswork, by exact prescription; and in the case of automobiles, results in added life and service, freedom from trouble, greater resale value, and reduction to manufacturers in service costs, where prescribed recommendations are followed.

As is shown in Figure 4, the supporting plate 14 may be reversed in a manner whereby the vertical portion 13 thereof may be secured to a dashboard 31, shown in dotted lines in Figure 4 through the medium of a securing bolt 32. The guideometer casing 16 is secured to the inclined portion 15' through the medium of the bolt 17 in a manner similar to that shown in Figure 1 with the exception that the inclined portion 15' extends downwardly at an incline, the vertical portion 13 being hung upon the bolt 32. Figure 4 merely illustrates a different method of attaching the casing 16 to the supporting plate 14.

It should be understood that the present device is not only adapted for use in connection with automobiles and the like, but may be supported, in any suitable or desired manner such for instance, as that shown in Figure 4, upon a wall or other support, and a suitable strip indicated by the numeral 34 may be substituted for the strip 23 and wound upon the spindle 19, one side of the strip containing a series of dates, such for instance, as is illustrated in Figure 8, and the reverse side containing certain statements giving instructions for household attention, such for instance as "Clean furnace," "Oil washing machine," the dated sections and instruction sections constituting separate perforated sections similar to those previously described.

A strip 35 may be utilized also, wherein the various perforated sections of the strip may be printed upon one side with the hour of the day, and on the reverse side with suitable instructions, such for instance as "Order meat from butcher" etc.

It should be understood that certain detail changes in the mechanical construction may be employed without departing from the spirit of the invention, so long as such changes fall within the scope of the appended claim.

Having described the invention, what I claim as new is:

A device of the class described comprising a casing having an outwardly extending lip constituting a reading desk, an indicating means adapted to contain direction information and periodic designations, carried by the casing and movable over the lip, means for supporting said casing in position, said casing having a cover, the cover having an overhanging lip overlying the outwardly extending lip, the overhanging lip having a view aperture for viewing the information on the indicating means, the overhanging lip also having a notch formed at one side of the aperture and providing an open end exit from the aperture and also providing an interrupted outer edge for the overhanging lip.

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