GEORGES LEON JULES DELAFORGE, OF CORONADO, CALIFORNIA.

HOTEL DESK-REGISTER.

1,214,438.


To all whom it may concern:

Be it known that I, GEORGES LEON JULES DELAFORGE, a citizen of France, residing at Coronado, in the county of San Diego and State of California, have invented new and useful Improvements in Hotel Desk-Registers, of which the following is a specification.

This invention relates to desks and more particularly to counter desks for hotels, the object of the invention being to provide a registering device which will permit a guest of the hotel to register without informing all of the usual lobby loungers of his name and address and without enabling them to ascertain his name and address or the number of his room and cause him annoyance by calling on him or communicating with him for advertising or business purposes.

One object of this invention is to provide means whereby the strip or web of paper on which the guests register may be run backward when desired; another object being to effect improvements in the construction of the rollers so that the latter may be readily placed in and removed from the desk; another object being to effect improvements in the construction of the table in the desk.

The invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a hotel register desk constructed in accordance with my invention and with the cover raised. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view on a plane disclosing the winding roller. Fig. 4 is a similar view on a plane disclosing the unreeling roller. Figs. 5 and 6 are detailed views.

The desk 1 may be of the form here shown or of any other suitable form and is pivotally mounted as at 2 so that it may be turned, as provided at the front with receptacles 3 for cards, time-tables and other like articles and has a hinged cover 4 and a suitable lock 5 for securing the cover when closed. The cover has an opening 6 to expose the writing surface of the paper web or strip which is operated by the rolls and around said opening is a plate 7 on which may be printed instructions for signing and operating the device and preferably contains words "Name" and "From" to indicate where the name of the guest and his last place of residence are to be written on the slip of paper exposed through the opening.

In the desk is a table 8, the top of which is flat or horizontal and which is supported on standards 9 at the lower ends of which are fast 10 that are screwed or otherwise suitably secured to the bottom of the desk. At the rear end of the table is an inclined ledge 11.

Front and rear rollers 12-13 are provided to which a paper web or strip 14, on which the guest's register is attached, the roller 12 being the winding roller and the roller 13 being the unwinding or unreeling roller.

The roller 12 has a shaft 14 which is mounted in bearings 15 in the upper ends of a pair of standards 16 which are secured to the bottom of the desk, the said bearings opening upwardly to enable the said roller with its shaft to be readily raised therefrom or remounted therein. Hook shaped springs 17 are pivotally connected to the said standards at their lower ends as at 18 and are adapted to be engaged over the journals of the roller shaft to hold the latter in the bearings and to exert friction on the shaft and thereby prevent casual rotation of the roller. At one end of the shaft is a cross sectionally rectangular extension 19.

A shaft 20 which aligns with the roller shaft 14 is mounted in a bearing 21 in one side of the desk and is movable longitudinally as well as revolvably and has a notch 22 at its inner end for the reception of the extension 19 of the shaft 14 so that said shaft 20 may be coupled to or uncoupled from the shaft 14 at will. Said shaft 20 also has a ratchet wheel 23 which is normally engaged by a pawl 24 which is pivotally mounted at 25 and is actuated by a spring 26. This pawl when engaged prevents retrograde rotation of the roller 12 and when the pawl is disengaged from the ratchet wheel said roller may be reversely turned as will be understood. A device to enable the said pawl to be disengaged is here shown as an arm 27 which operates in a slot 27a in one side of the desk.

The roller 13 has its shaft 28 mounted in bearings 29 in standards 30 which are similar to the standards 17 hereinafore described, and said standards 30 are provided with pivoted hook springs 31 to bear over said shaft 28 and prevent casual rotation of said shaft and the roller 13. As one end of
said shaft is a spur gear 32 which is engaged by a similar gear 33 on the inner end of a stub shaft 34 which is mounted in a bearing 35 in one side of the desk. A crank 35 may be attached either to the outer end of the shaft 34 or to that of the shaft 20 so that either of the rollers may be turned by said crank.

The paper strip or web may be moved forward by turning the roller 12 and its crank in the direction indicated by the arrow in Fig. 1 after each guest writes his name. When it is desired to turn the paper strip rearwardly as when a number of guests have registered their names on the strip in succession and the clerk desires to affix the numbers of the rooms to which they are assigned the crank is attached to the shaft 34 and turned in the same direction as before, the gears 33 32 reversing the direction of rotation of the roller 13, and the pawl 24 having been disengaged from the ratchet wheel 23 the strip moves rearwardly and the roller 12 also turned rearwardly as will be understood.

A roller 36 covered with a blotter and bearing on the paper strip or web and over the table is mounted in brackets 37 which depend from the cover of the desk. One of the journals 38 of the roller is screwed thereon and is detachable therefrom and hence the blotter roller may be readily dismounted when it is desired to place another blotter cover thereon.

Having thus described my invention, I claim:

In a desk register of the class described, a web operating roller having a shaft mounted in bearings which permit the removal of said shaft therefrom, an operating shaft arranged in line with said roller shaft and mounted for rotation and also for longitudinal movement, said operating shaft and said roller shaft having means at their opposing ends to enable them to be coupled and uncoupled, and means to actuate the operating shaft, a ratchet wheel on said operating shaft, a spring pressed pawl to engage said ratchet wheel, means to release said pawl from said ratchet wheel, an unwinding roller, a stub shaft geared to said unwinding roller, and means to engage and rotate either the winding roller or the stub shaft at will and both in the same direction, to enable the winding roller and unwinding roller to be turned either forwardly or rearwardly as may be desired in manipulating the web which connects said rollers.

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

GEORGES LEON JULES DELAPORGE.

Witnesses:

EMIL JOHNSON, ANDY DANIELSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents.

Washington, D.C."