

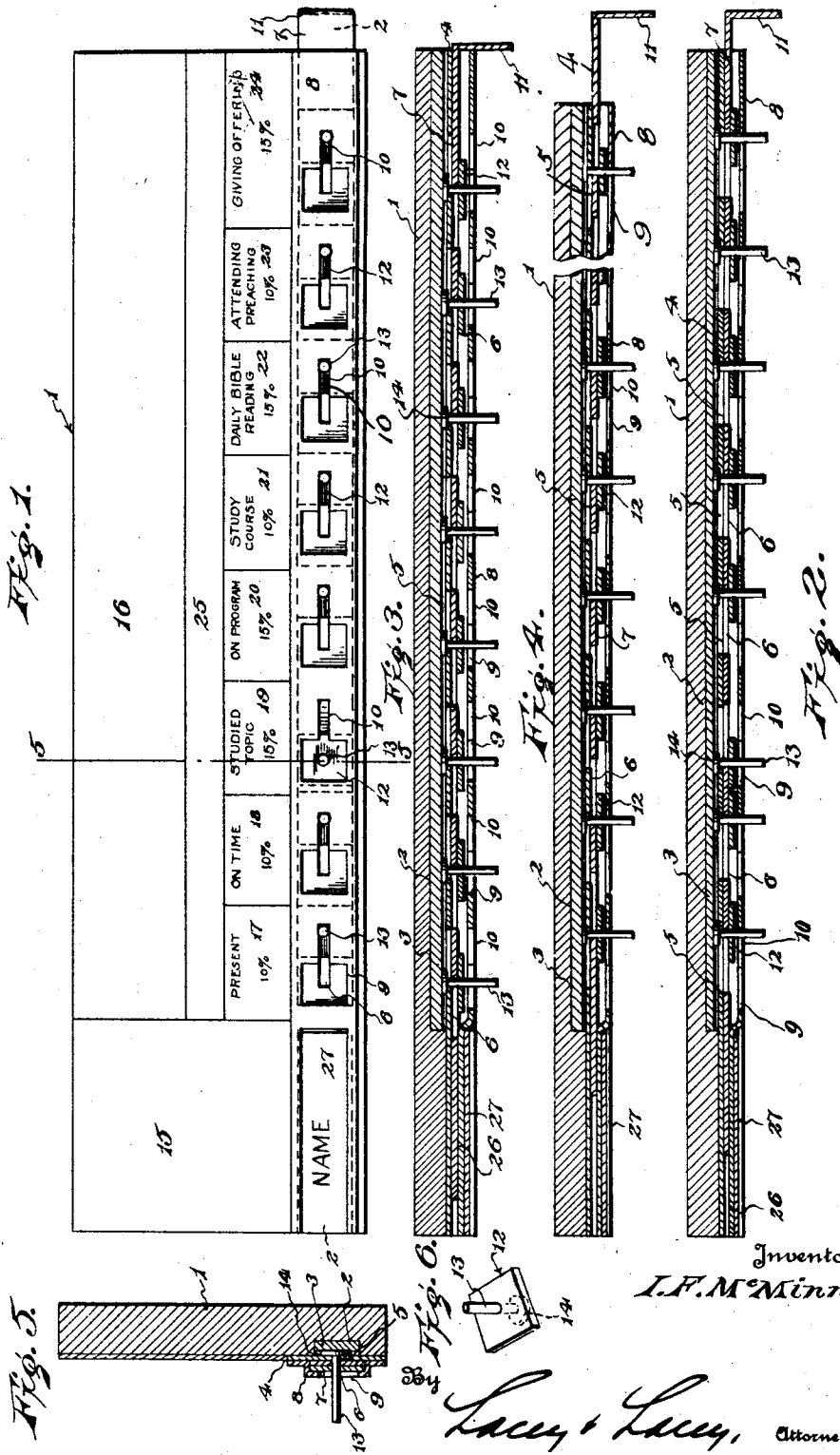
Jan. 15, 1929.

1,699,006

I. F. McMINN

REGISTER

Filed March 10, 1927



UNITED STATES PATENT OFFICE.

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REGISTER.

Application filed March 10, 1927. Serial No. 174,358.

The present invention is directed to improvements in registers.

The primary object of the invention is to provide a device of this character so constructed that considerable time can be saved in assembling the grades of Sunday school scholars in a quick and practical manner, the construction being such that as each scholar enters the class the various items and studies required can be registered by the instructors in order that the proper official can, at the proper time, record the grades of the individual scholars in a ledger book.

Another object of the invention is to provide a register of this character so constructed that records of the individual scholars can be obtained without disturbing the class or causing the class to lose time in writing individual reports.

In the drawing:

Figure 1 is a front elevation of the device.

Figure 2 is a longitudinal sectional view through the device, the parts being in the position as shown in Figure 1.

Figure 3 is a longitudinal sectional view through the device showing the indicators in selected positions.

Figure 4 is a similar view showing the indicators in their inoperative position.

Figure 5 is a sectional view on line 5-5 of Figure 1.

Figure 6 is a detail perspective view of one of the indicators and its associated studs.

The device consists of a back 1, preferably formed from wood and having a longitudinal groove 2 formed therein and in which is fitted a card board strip 3, the purpose of which will be later explained.

Covering the groove 2 and secured to the board 1 in any suitable manner is a strip of sheet metal 4 having longitudinal slots 5 formed therein which are adapted to register at certain times with the slots 6 formed in the slide bar 7, as shown in Figures 1 and 2 of the drawing. This bar is slidable in the casing 8, said casing being suitably fixed to the board 1, and being provided with rectangular openings 9 and elongated notches 10 which communicate with or open into said openings.

The slide bar 7 is provided upon one end with a handle 11 to facilitate the sliding thereof.

The indicators 12 are formed from rectangular pieces of stiff cardboard or metal, as desired, and are arranged between the front

wall of the casing 8 and slide bar 7. Stud 13 are engaged intermediate their ends in the indicator 12 and have their heads 14 adapted to frictionally engage the strip 3.

The board 1 has a space 15 in which the class name may be printed and also a space 16 in which the organization name is printed.

Immediately above the openings 9 are spaces 17, 18, 19, 20, 21, 22, 23 and 24, bearing respectively the following legends, "Present 10%", "On time 10%", "Studied topic 15%", "On program 15%", "Studied course 10%", "Daily Bible reading 15%", "Attending preaching 10%", and "Giving offering 15%".

Between the spaces bearing the legends and the space 16 is a space 25 in which may be printed the directions for operating the register.

It will be observed upon reference to Figure 5 that the heads 14 of the stud engage with the inner surfaces of the strip 4, while the shanks thereof are slidable in the slots 5 thereof, at points adjacent their heads. The shanks of said studs also are capable of sliding in the slots of the sliding bar 7, as well as in the openings 9 and their associated notches 10.

One end of the casing 8 is provided with a spring tongue 26 which serves to maintain the card 27 in place and it is upon this card that the name of the scholar is printed.

The drawing illustrates a register capable of recording the work and efforts of a single scholar, and it will be of course understood that in actual practice the board will be of such length that a number of registers may be secured thereto in vertical alinement in order that the work of an entire class can be registered.

Normally the slide bar 7 is in the position shown in Figures 1 and 2 of the drawing, and at which time the slots 6 thereof are in full registration with the slots 5 of the strip 4. When the slots 5 and 6 are in such position any of the studs 13 occupying the notches 10 may be grasped to move the associated indicator to the left until it plainly shows through the associated opening 9, and at which time it occupies the position shown under the legend 19 in Figure 1. As the scholars efforts are obtained the indicators may be successively moved to indicate the grade obtained. However, if the grade is perfect the indicators can all be moved simultaneously upon sliding the bar 7 to the left, thus moving the studs 13 and their attached

indicators to the position shown in Figure 3 of the drawings.

To reset the indicators 12 for the next class meeting, the slide bar 7 is moved to the right to its fullest extent, thus moving the studs to the position indicated in Figure 4 of the drawing.

The bar 7 is then moved inwardly until the slots 6 thereof are in registration with the slots 5 of the strip 4 and owing to the frictional engagement of the heads 14 with the strip 3, the studs will remain in the notch 10 and the register is set for the next class meeting.

In Figure 1 an indicator 12 is shown in registration with the opening directly under the legend 19, it having been moved to this position upon grasping the stud and sliding the same toward the left. Of course it will be understood that the first act will be to move the indicator into registration with the opening under the legend 17. If it is ascertained that the scholar has perfected all requirements, all of the indicators can be simultaneously moved into registration with the respective openings 9, thus designating a 100% grade.

The device may be finished in any color desired, it being essential that the indicators 12 are of contrasting color in order to be readily discernible.

Having thus described the invention, I claim:

1. A register of the class described comprising a casing having openings therein, a bar slidable in the casing, indicators having studs fixed thereto, said studs being slidably interlocked with the bar for simultaneous movement therewith or independent movement with respect thereto for registration with the openings.

2. A register of the class described comprising a board having legends, a casing fixed to the board and having openings disposed adjacent the respective legends, a slide bar

mounted in the casing, indicators having studs fixed thereto for slidable interlocking engagement with the bar, said bar being capable of being slid to simultaneously move the indicators into or out of registration with said openings, said indicators when in registration with said openings indicating that the support of the legends alined therewith has been fulfilled.

3. A register of the class described, comprising a board, a strip having frictional properties carried by the board, a casing carried by the board and having openings therein, a slide bar mounted in the casing, studs having heads, said heads being slidably engaged with said strips, indicators fixed to the studs, said bar being slidable in the casing to place the indicators in or out of registration with the said openings.

4. A register of the class described comprising a board, a strip carried thereby and having slots formed therein, a casing carried by the board and having openings, a bar slidable in the casing and having slots therein for registration with the slots of the strips, studs slidable in the slots of the strips and bar, indicators fixed to the studs, said bar being slidable in the casing to simultaneously move the indicators into or out of registration with the openings.

5. A register of the class described comprising a casing having openings therein, a strip in the casing having slots formed therein, a slide bar movable in the casing and having slots therein adapted to be brought in full or partial registration with the slots in the strips, said bar being slidable in one direction to move the indicators into registration with said openings and out of registration therewith when moved in another direction, said indicators being independently movable for registration with said openings when said slots are in full registration.

In testimony whereof I affix my signature.
IRA F. McMINN. [L. s.]