IMPROVED ACCOUNT REGISTER.
This device is adapted for use in the keeping of ac counts between a storekeeper and his customer. The case is arranged to receive and hold two sets of checks, case is arranged to receive and hold two sets of checks, of a dollar. The thickness of the checks varies in ac-


## BENHAM'S ACCOUNT REGISTER.

cordance with the amount which they represent-as, for instance, the ten cent checks are twice as thick as the five cent ones, while the twenty-five cent checks are five times as thick. Each set of checks is passed upward by a spiral spring, above which is placed a block carrying a pointer ranging along a scale as shown in Fig. 1. As goods are bought, the checks representiog their value are removed from the case, and pointers will then show the exact amount the customer owes in dollars and cents. For instance, Fig. 1 shows that $\$ 16.35$ have been taken out. The slate of celluloid inserted on back of Fig. 2 is for use to write orders or make out bills upon.

This invention has been patented by Luther Benham, of Marianna, Arkansas.

## IMPROVED NUMBER AND LETTER PLATE.

This number and letter plate is simple in construction and durable, and can be easily and securely attached


KIMBALL'S IMPROVED FOMBER AND LETTER PLATE
to doors, etc. The letter plate consists of one or more plates formed on their fronts with numerals or letters, and of a dovetaịled bar, Fig. 4, fitting into a corresponding groove, Figs. 2 and 3, formed on the back of each plate, which nay be made either solid or boxshaped, with an open back. The bar is held to the door by screws passing through its ends. The sidewise movement of the several plates is prevented by a washer placed between each screw head and the bar, part of the edge of the washer fitting snugly against the edge of the plate. If desired, the head of the screw can perform the same function as the washer. The bar is made of vary ing lengths, to suit the number of plates to be united to form the re quired number or name.
This invention has been patented by Mr. H. Z. Kimball, of 416 Bedford Avenue, Brooklyn, N. Y.

## EXTENSION TABLE FOR RAILWAY CARS.

This extension or folding table is adapted for use at the side walls of railway cars, boats, rooms, or at the sides of house or office furniture, such as bureaus or desks. As shown in the engraving, the table is designed to fold partly against and partly within a hollow side wall of a car. The wall of the car next the floor is made hollow to provide an inner space, at the top of which is journaled a roller, over which the flexible part of the table top passes. The top consists of slats glued to a flexible backing. The outer portion of the table comprises a shelf fixed to an ornamental leg provided


SCHMITT'S EXTENSION TABLE FOR RAILWAY CARS.
quired both skill and time, and was not perfect at best. The recent invention here illustrated consists of a collet with a groove turned circularly in it the exact width of the spring and as deep as the thickness of the spring, as shown in Fig. 3. The inner coil of the spring is then sprung into this groove, which holds it absolutely central and parallel with the plane of the collet by its tension or contracting force. The collet


HUNZIKER'S HAIR SPRING COLIET.
may be formed with an annular flange only, Fig. 4, when the inner coil will be sprung over the reduced portion, and will be pressed firmly against the face the flange. In soft springs, the inner end is inserted in a hole drilled diametrically through the wall of the collet, as shown in Fig. 5. Hardened springs hold sufficiently by the tension of the coil ; with the inbent inner end.
This invention has been patented by Mr. Edward Hunziker, of 64 Nassau Street, New York City.

## BOTTLE ATTACHMENT.

The object of this invention-which has been patented by Mr. J. F. Herbert Sugg, of Sabula, Iowa-is to prevent mistakes in dispensing medicine, by bringing toefore the eyes of the druggist a movable label,


## sUGG's BOTTLE ATTACHMENT,

which will notify him of the nature of the contents of the bottle. Embracing the neck of the bottle is a spring clip, provided with a wire loop, upon the middle part of which is loosely pivoted a lever, formed of a wire bent spirally at its center, to form a spiral spring, which is placed on the loop. The ends of the lever extend in epposite directions, and one is secured to 'a plate marked with the word " poison," while the other carries a counterweight. The plate and weight are below the fulcrum, so that the lever is always in a state of stable equilibrium when the stopper is removed; and thus, when the bottle is tipped, the lever will maintain its position and allow the contents to be poured out. When the stopper is in the bottle, it' holds the spring under tension, and the plate then stands vertically and presses against the stopper. When the stopper is removed, the plate is thrown forward over the mouth of the bottle by the spring. The sharp click of the plate striking the bottle calls attention to the word "poison," and, if the bottle remains in a vertical position, the plate will continue to cover the mouth and display the warning word. Should a mistake be made in dispensing the contents of the bottle, the druggist will be notified of it when he attempts to return the stopper, as the plate will be in the way, and must be removed before the stopper can be inserted. This attachment will also prevent drinking from the bottle in the dark by mistake, as it will interfere with the direct use of the bot tie in that way.

