M. ACKERMAN.

FOLDING SEAT.

APPLICATION FILED DEC. 20, 1909.

970,777.

Patented Sept. 20, 1910.

Fig. 1.

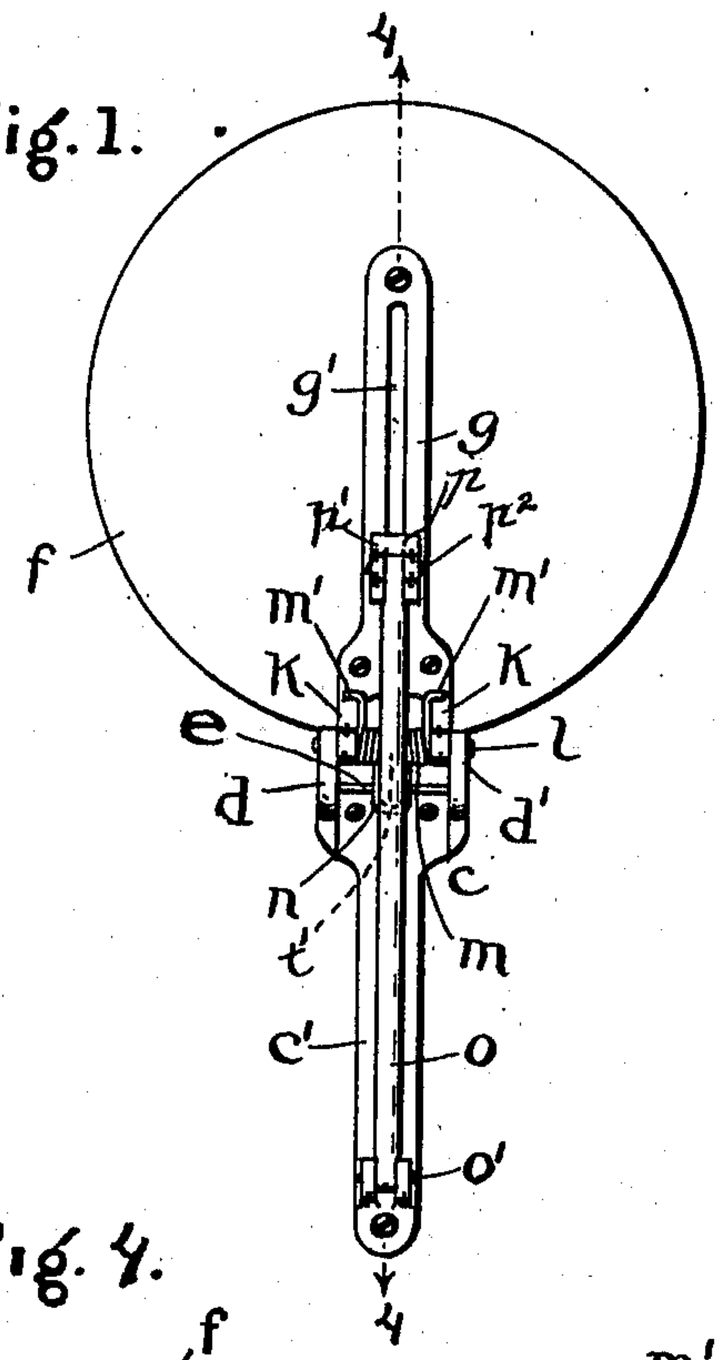


Fig. 2.

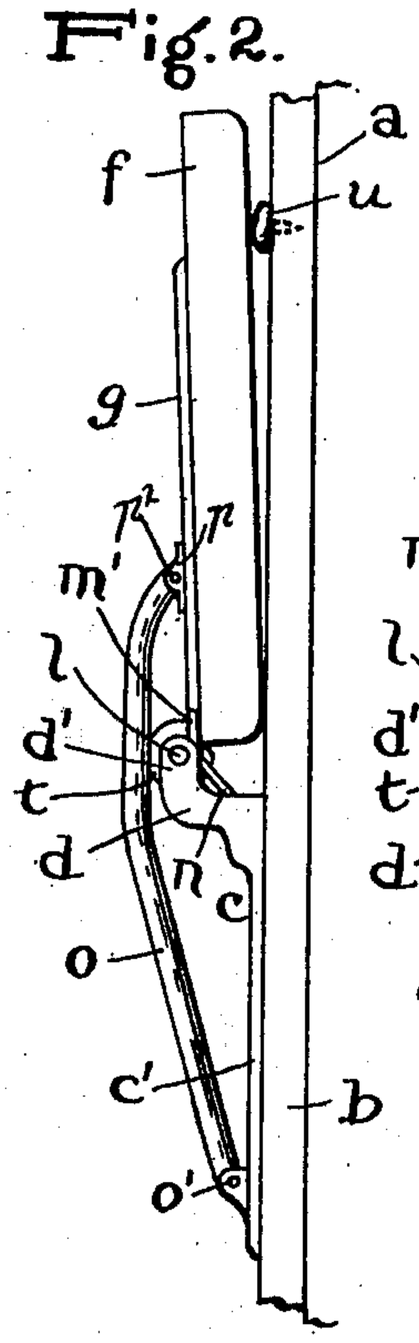


Fig. 3.

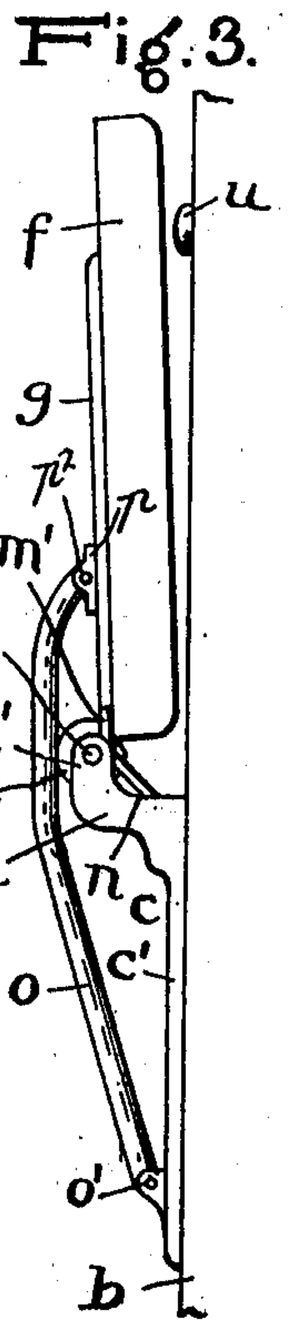
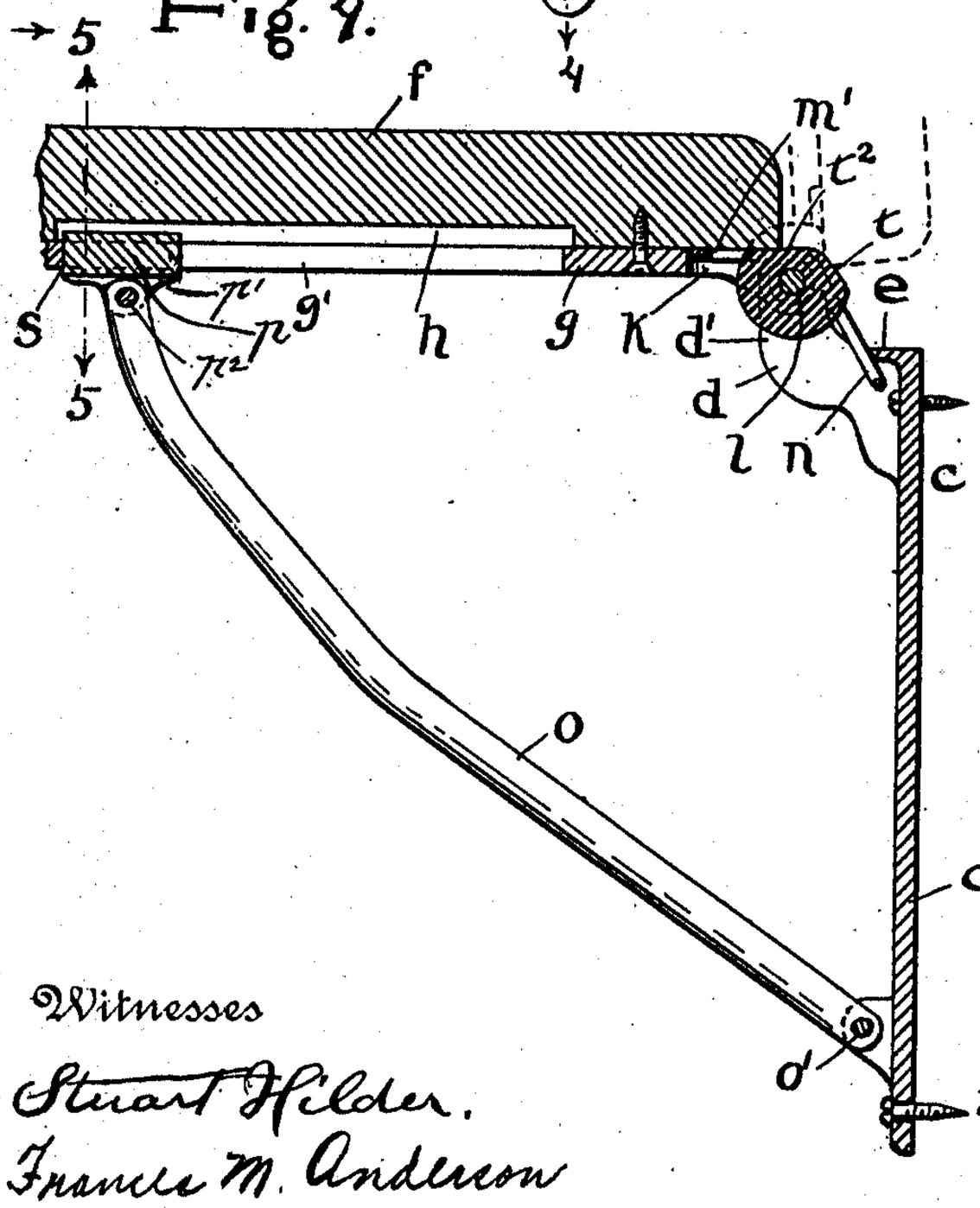


Fig. 4.



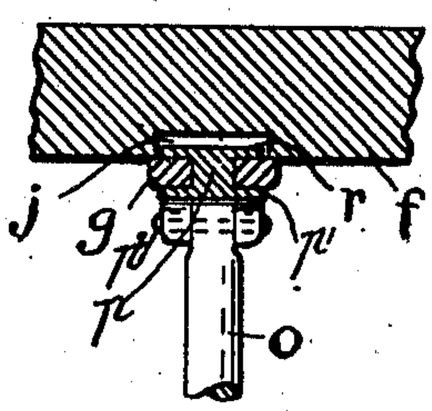


Fig. 5.

Witnesses

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UNITED STATES PATENT OFFICE.

MAURICE ACKERMAN, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF FIFTEEN ONE-HUNDREDTHS TO HYMEN GOLDMAN, OF WASHINGTON, DISTRICT OF COLUMBIA.

FOLDING SEAT.

970,777. Specification of Letters Patent. Patented Sept. 20, 1910.

Application filed December 20, 1909. Serial No. 534,116.

To all whom it may concern:

Be it known that I, MAURICE ACKERMAN, a citizen of the Dominion of Canada, resident of Washington, in the District of Columbia, have made a certain new and useful Invention in Folding-Seats; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

The invention has relation to improvements in folding seats for use at soda fountains or in stores, or other places where room is needed, and it consists in the novel construction and combinations of parts as hereinafter set forth.

In the accompanying drawings, illustrating the invention, Figure 1 is a front view of the invention with the seat in raised position; Fig. 2 is a side vie wof the same; Fig. 3 is a similar view just before the seat has reached the limit of its upward movement; Fig. 4 is a central vertical section with the seat in lowered position, said seat being shown partially in raised position in dotted lines; and Fig. 5 is a section on the line 5—5 Fig. 4.

In these drawings the letter *a*, designates the side of a counter or other support to which is screwed either directly or indirectly through the medium of a vertical strip *b*, a metal vertical elongated bracket *c*, having an elongated main or body portion *c'*, and a bifurcated or branched upper portion *d*, the outward and upward extending forks *d'*, *d'*, of which are connected by an inner horizontal bracing web *e*, with said main portion.

f, is the seat, of the usual circular stool-seat form, having secured to its bottom a narrow plate *g*, having a longitudinal slot *g'*, the seat *f*, being provided with a groove *h*, in alinement with and wider than said slot, extending at both sides thereof to form a guide recess *j*, between the bottom of the groove and the top of the plate *g*. This plate *g*, at its inner end is provided with lateral branches or extensions *k*, *k*, having pivotal connection with the forks of the bracket *c*, by means of a pivot pin *l*. Surrounding this pivot pin is a coiled spring *m*, having out-turned end portions *m'*, *m'*, bearing against the branches *k*, *k*, of the seat plate, and a downturned looped central portion *n*, having bearing against the web *e*, of the bracket.

Working in the slot of the seat plate is a small block *p*, having an inner head *r*, working in the guide recess *f*, integral slots *p'*, located centrally of its length, and a transverse pin p^2, fitting in said seats. A folding prop *o*, has at its upper end pivotal connection with said transverse pin p^2, and at its lower end a pivotal connection with a lug projection *o'*, at the lower end of the bracket support.

The coiled spring *m*, acts to normally hold the seat in raised position against the side of the counter or other support, out of the way, as shown in Fig. 3 of the drawings, the seat when depressed resting in horizontal position upon the prop *o*, the block or follower *p'*, of which has stop engagement at *s*, with the outer end wall of the slot of the seat plate, as shown in Fig. 4. When the weight of the person occupying the seat is removed therefrom it will automatically resume its normal or raised position. In order to cushion the parts as they come in contact with the side of the counter or support when raised a block of rubber *t*, is secured in an interval *t'*, between the branches of the central spring-loop *n*, at the base of such loop, said loop branches taking a spring bearing against the rubber cushion to hold it in place. As the seat is raised by the spring the prop *o*, comes first in contact with the rubber block *t*, to partly check the upward movement of the seat, which next comes in contact with rubber *u*, upon the side of the counter or wall to finally check the upward movement. Upon depression of the seat from normal raised position, the rubber block *t*, which is shown as of nearly complete cylindrical form, as shown in Fig. 4 of the drawings and which is held in position by the spring branches of the loop *n*, is compressed along a face *t'* thereof bearing against the seat bottom into about two thirds of its normal compass. When the weight of the person of the occupant is removed from the seat the spring action of the rubber block in resuming normal compass, will assist in raising the seat.

Having thus described my invention, what

I claim as new and desire to secure by Letters Patent is:

A folding seat comprising an elongated bracket having at its upper portion outward extending forks provided with a transverse bracing web connection and at its lower portion a lug projection, a seat having a bottom plate provided with end branches having a pivot pin connection with said forks, a slidable block carried by and working in guides of said bottom plate and having integral seats located centrally of its length and a transverse pin engaging said seats, a prop having at its upper end a pivotal connection with said transverse pin and at its lower end pivotal connection with said lug projection, and a coiled spring having an out-turned central loop portion engaging said bracing web connection and out-turned end portions having a bearing against said bottom plate to hold the seat normally in raised position.

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

MAURICE ACKERMAN.

Witnesses:

STUART HILDER,

FRANCES M. ANDERSON.