(No Model.)

J. GRAESER.

FOLDING LEG FIXTURE FOR EXTENSION LOUNGES.

No. 255,781. Patented Apr. 4, 1882.

Fig. 1.

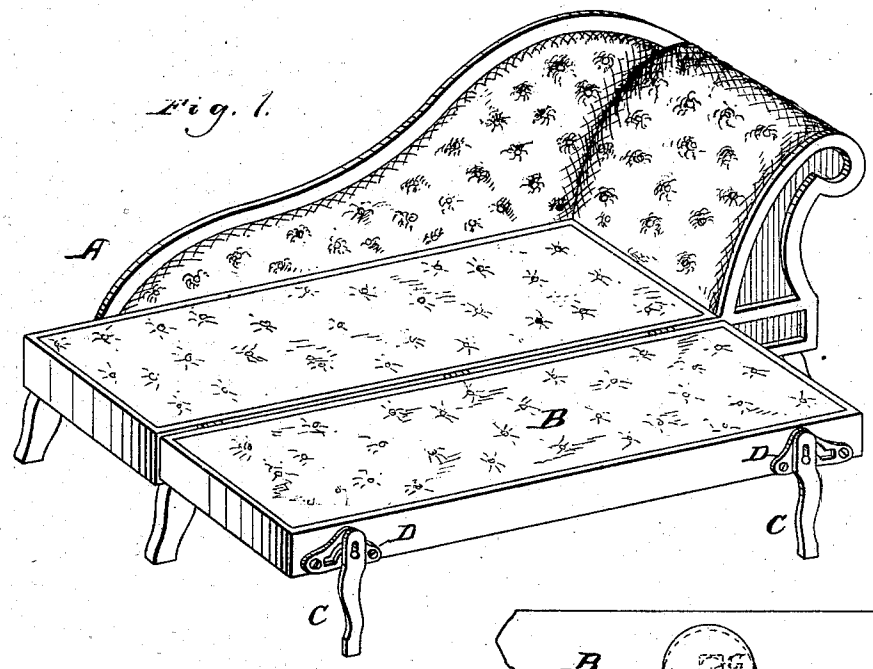


Fig 2.

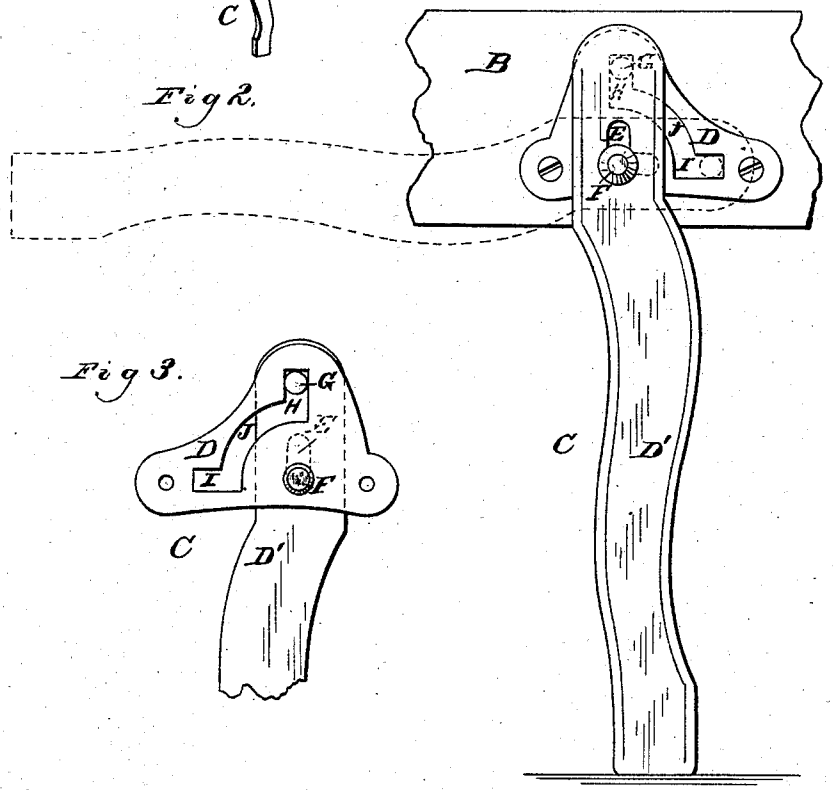


Fig 3.

Witnesses.
Henry Frankfurter,
L. W. Nichols

Inventor.
Joseph Graeser
per. F. F. Warner
his Attorney.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOSEPH GRAESER, OF CHICAGO, ILLINOIS.

FOLDING LEG-FIXTURE FOR EXTENSION-LOUNGES.

SPECIFICATION forming part of Letters Patent No. 255,781, dated April 4, 1882.

Application filed February 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH GRAESER, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Folding Legs for Extension-Lounges, of which the following, in connection with the accompanying drawings, is a specification.

In the drawings, Figure 1 is a perspective representation of an extension-lounge provided with folding legs embodying my invention. Fig. 2 is a front view of the leg attachment in detail, and Fig. 3 is a rear view thereof.

Like letters of reference indicate like parts.

A represents an extension-lounge of the class in which provision for extension is made by means of a folding seat, and B represents the folding portion of the seat extended or unfolded.

C C are the folding legs. These leg-fixtures consist of a plate, D, adapted to be secured to the folding portion of the seat, and of the part D′, which is the leg proper.

E is a vertical slot in the upper part of the leg D′, and F is a headed pin or stud passing freely through the slot E into the plate D, to which it is secured. The head of the pin F overlaps the outer side or face of the leg D′, thus connecting it pivotally to the plate D, or so that the leg may be swung laterally on the pin.

G is a fixed pin or stud located near the upper end of the leg, and projecting from the rear side thereof.

H is a vertical slot in the upper part of the plate D. This slot receives the pin G freely, which stands in the upper end thereof when the pin F is in the lower end of the slot E, and when these pins occupy these positions the leg cannot be swung upon the lower pin, and will therefore then stand vertically, as will hereinafter more fully appear.

I is a horizontal slot in the lower part of the plate D, and J is a slot or opening connecting the inner ends of the slots H and I. The slots I and J are adapted to receive the pin G freely, and the slot or opening J permits this pin to pass from the slot H to and into the slot I when the pin F is in the upper end of the slot E, and the leg is swung in such a direction as to carry the said pin to the slot I, which may then be done, as the pin G at that time is in the lower end of the slot H. After the leg has been thus swung up horizontally it may be pushed endwise far enough to carry the pin G into the slot I, when the leg will be supported horizontally; but by drawing the pin G out of the slot I the leg will fall to a vertical position, as will be perceived.

To apply the legs to the lounge I fasten the plates D D to the folding part of the seat, and near the corners thereof, as indicated in Fig. 1, the said plates being arranged, as shown, so that the legs may be folded inward or toward each other, in the manner described.

It will be perceived that when the legs are so applied and their lower ends or feet rest upon the floor the gravity of the part B of the seat will cause the pins or studs F F to rest in the bottoms of the slots E E, while the pins G G will be in the tops of the slots H H, respectively. The legs will therefore support the unfolded part B properly and be locked temporarily in their vertical positions. When the part B is folded the gravity of the legs, as soon as they leave the floor, will cause them to drop until they become suspended on the pins F F, at which time pins G G will be in the bottoms of the slots H H. The legs therefore may then be folded in horizontally toward each other and pushed slightly toward the ends of the lounge, when they will be locked temporarily in their folded positions, the pins G G then being in the slots I I. The act of folding the seat or part B may then be completed, and the legs will be out of the way, as well as out of sight. While the part B is being unfolded draw the legs slightly toward each other, and as the part B assumes its unfolded position the legs will drop down vertically and be locked in that position, as before described.

These folding leg-fixtures are simple in their construction and operation, may be applied and used with facility, and are cheap and durable.

Having thus described my invention, what

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

The hereinbefore described folding leg-fixtures, consisting of the plate D, having therein the slots H and I, arranged rectangularly therein, and connected by the slot or opening J, in combination with the leg D′, containing the slot E, and having thereon the pin or stud G, and with the connecting-pin F, substantially as specified.

JOSEPH GRAESER.

Witnesses:
F. F. WARNER,
HENRY FRANKFURTER.