

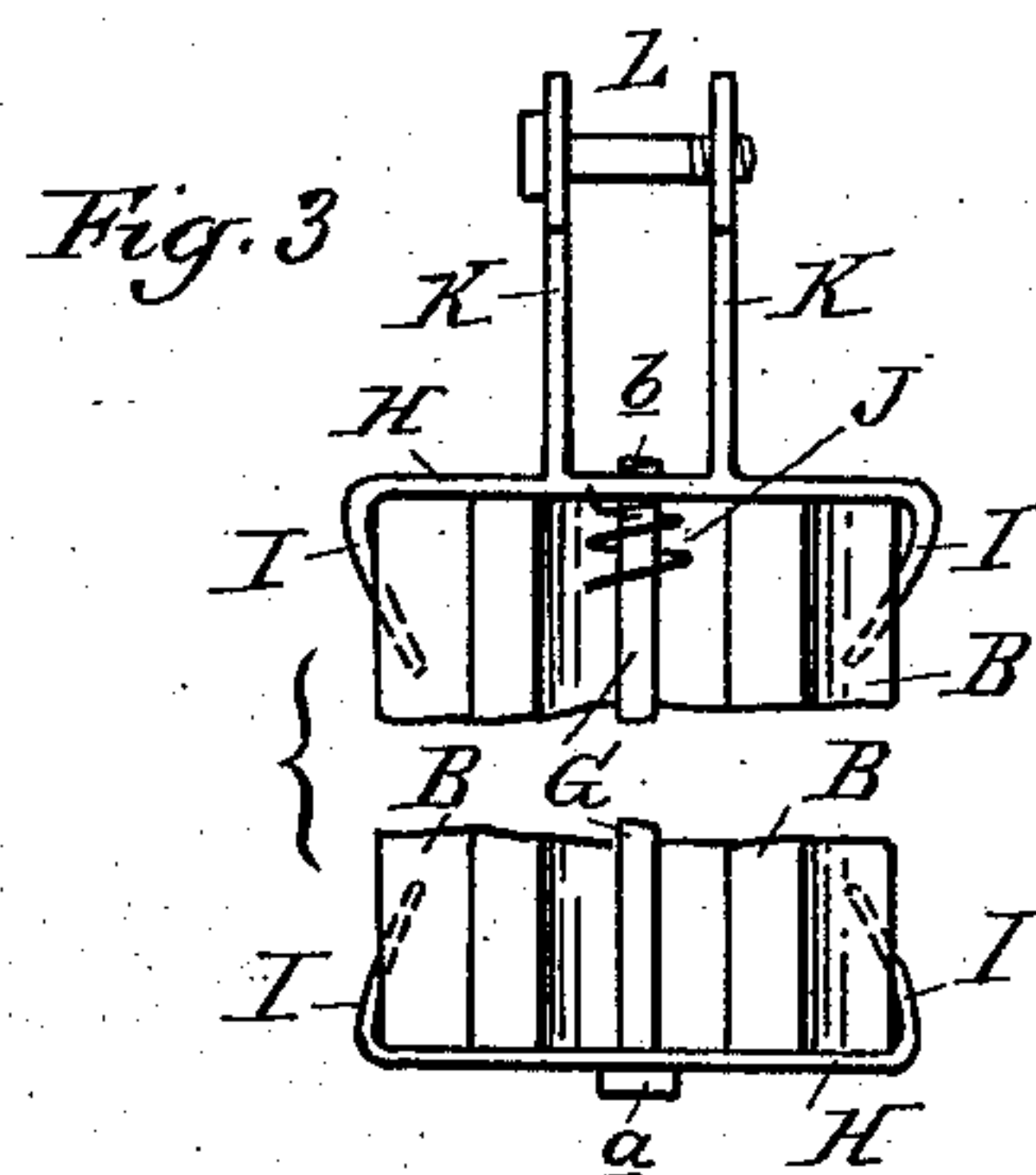
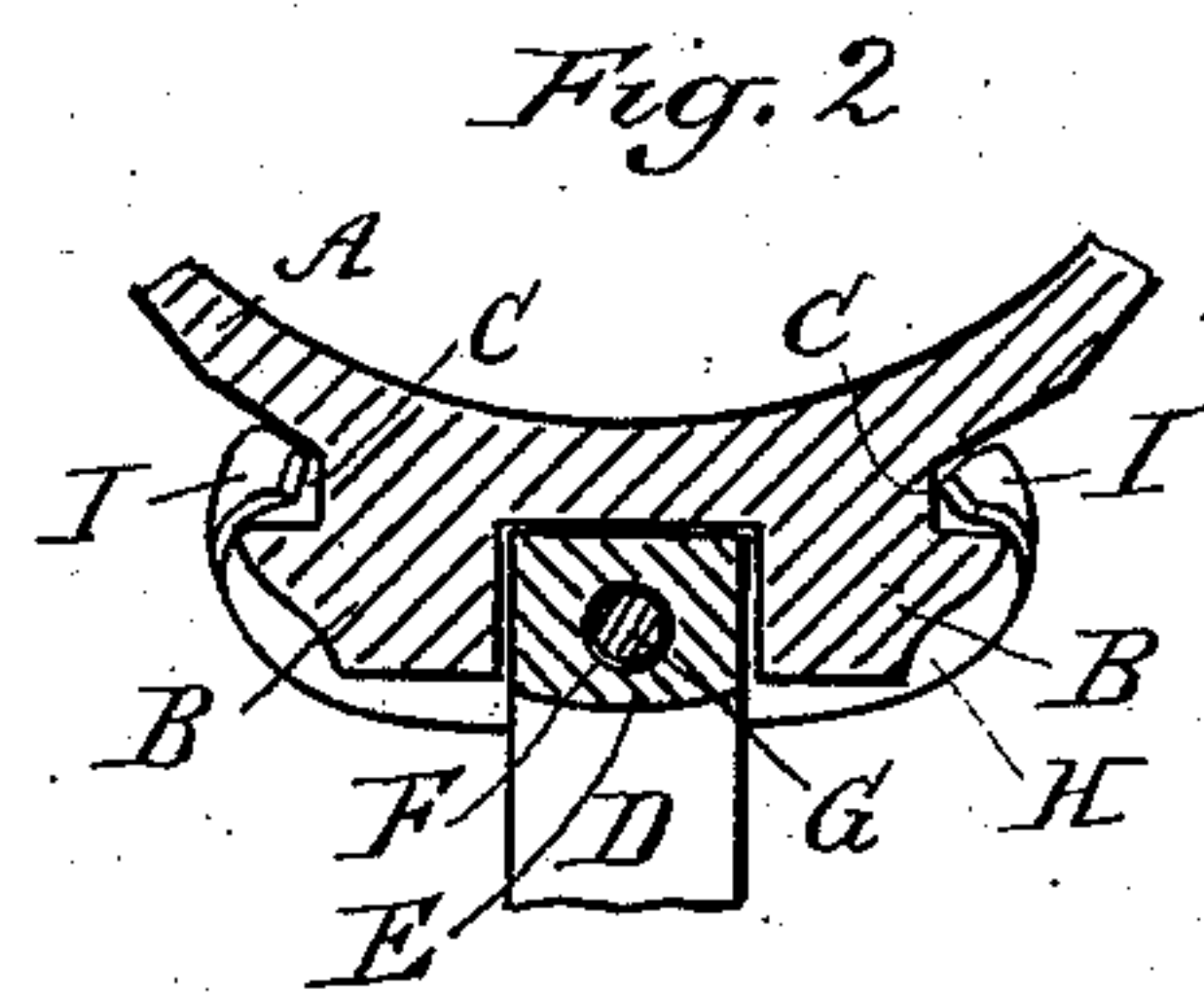
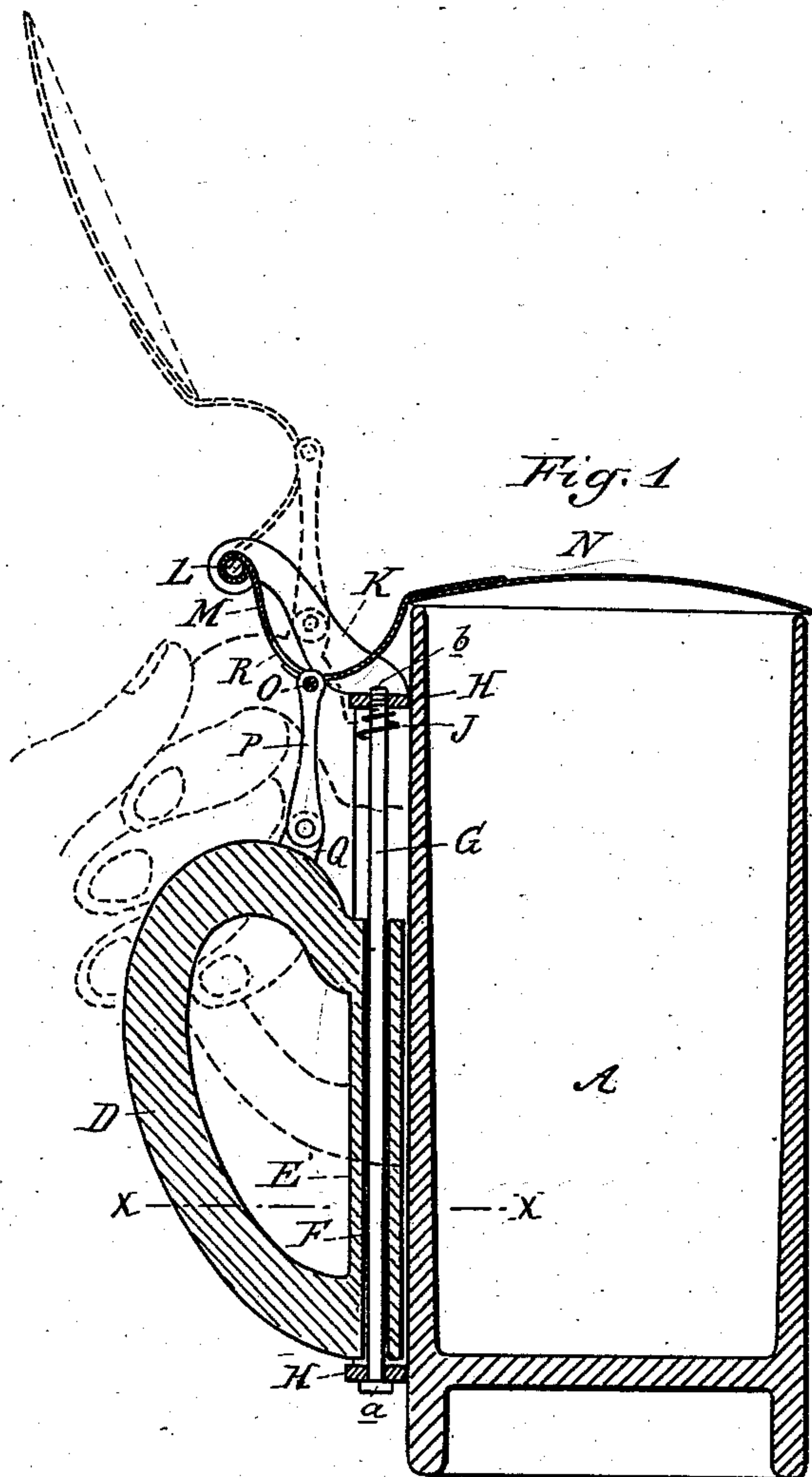
(No Model.)

G. BEEGEN.

MUG.

No. 294,564.

Patented Mar. 4, 1884.



Witnesses:

*Cyrus Lothrop*  
*Summer Collins*

Inventor:

*Georg Beegen*  
*per Geo. H. Lothrop*  
*att.*

# UNITED STATES PATENT OFFICE.

GEORG BEEGEN, OF DETROIT, MICHIGAN.

## MUG.

SPECIFICATION forming part of Letters Patent No. 294,564, dated March 4, 1884.

Application filed December 21, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, GEORG BEEGEN, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Mugs, of which the following is a specification.

Figure 1 is a vertical central section, showing the operation of my invention in dotted lines. Fig. 2 is a horizontal section on line  $x$   $x$ , Fig. 1; and Fig. 3 is a detached view of the ends of the guide-rod, showing its fastenings.

My invention consists in a mug having a hinged cover and a sliding handle, so connected with the cover that the act of raising the mug by the handle lifts the cover, and the weight of the handle closes the cover when the mug is set down.

A represents a mug of glass, stoneware, or other suitable material.

B B represent two ribs made with or fastened on mug A in any suitable manner.

H H represent clips at the upper and lower ends of ribs B, fastened by bending their ends I into the recesses C on ribs B.

G represents a guide-rod whose ends are fastened in clips H, running vertically in the space between ribs B.

D represents the handle of the mug, the vertical portion of which, E, is made to slide between the ribs B, and has a perforation, F, therethrough, to fit over and slide on the guide-rod G.

$a$   $b$  represent nuts by which guide-rod G is fastened to clips H, and J represents a short spring surrounding the upper portion of said rod.

N represents a cover for the mug, carried on a hinge, K L M, fastened to the upper clip, H, K being the arm attached to the clip, L the pivot, and M the swinging arm which carries the cover.

P represents a connecting-rod, pivoted at O to the swinging arm of the hinge, and at Q to the handle D, passing through the arm or leaf K of the hinge, there being a slot cut in

the swinging leaf M to receive connecting-rod P when in the position shown in dotted lines in Fig. 1.

It is evident that the clips which carry the guide-rod G and hinge may be secured in other ways than by ribs B to mug A—for instance, by hoops—and that by making the guide-rod G square or polygonal and making the perforation F to correspond therewith the ribs B may be dispensed with without departing from the spirit of my invention.

The operation of my invention is as follows: When the mug is, as shown in full lines in Fig. 1, with the cover down, the handle D will rest on the lower clip, H. When the handle is grasped to raise the mug and lifted, it runs up on guide-rod G until it strikes spring J and forces up connecting-rod P, thereby lifting cover N, as shown in dotted lines in Fig. 1. When the mug is placed on a table, handle D falls by its own weight and closes cover N. It will thus be seen that the cover N is always closed except when the mug is raised, as in the act of drinking.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a mug, of a hinged cover, and sliding handle attached to the hinge by a pivoted connecting-rod, substantially as shown and described.

2. The combination of the mug A, ribs B, clips H H, guide-rod G, handle D, having the perforation F in the part E thereof, cover N, hinge K L M, and connecting-rod P, substantially as shown and described.

3. The combination of the mug A, hinged cover N, handle D, adapted to slide vertically on the guide-rod G, and connecting-rod P, pivoted to the handle and to the swinging leaf of the hinge, substantially as shown and described.

GEORG BEEGEN.

Witnesses:

CYRUS E. LOTHROP,  
SUMNER COLLINS.