

No. 671,554.

Patented Apr. 9, 1901.

H. HEISLER.
DOOR OR WINDOW LIFTER.

(Application filed Mar. 28, 1900.)

(No Model.)

Fig. 1.

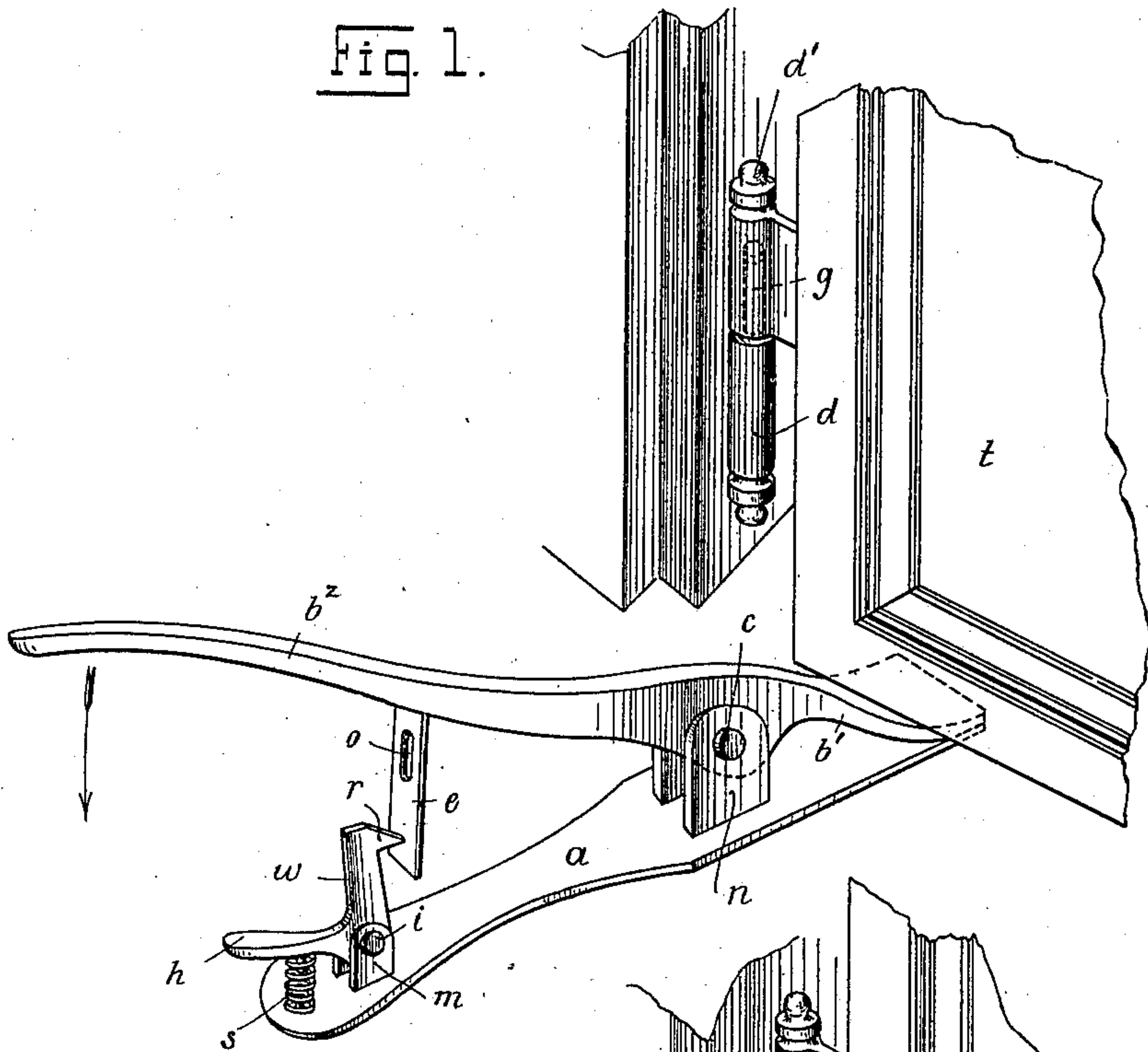
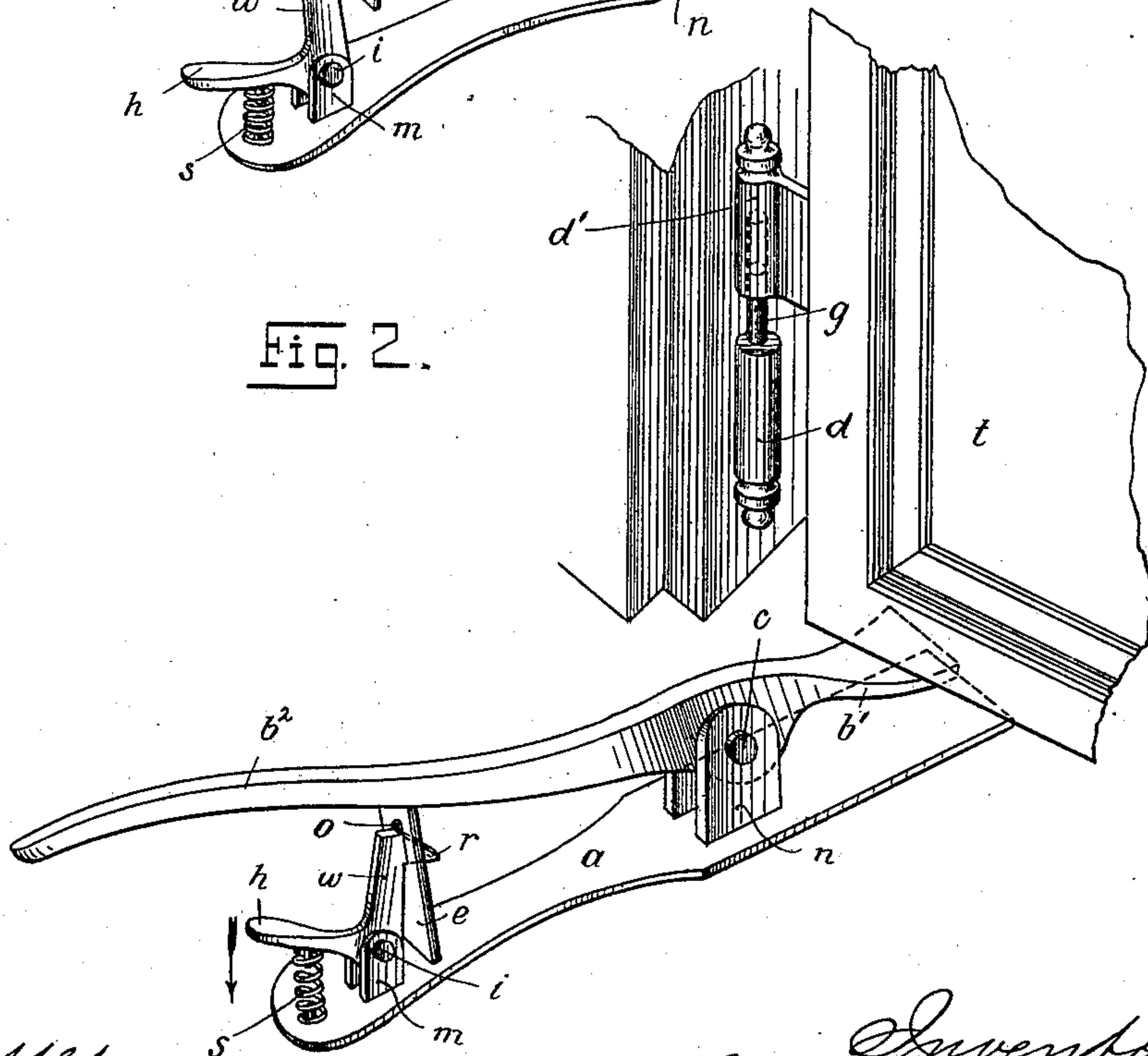


Fig. 2.



Witnesses
J. H. K. Brown
[Signature]

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HEINRICH HEISLER, OF CHRAST, AUSTRIA-HUNGARY, ASSIGNOR OF ONE-HALF TO HEINRICH FISCHL, OF KGL. WEINBERGEN, NEAR PRAGUE, BOHEMIA, AUSTRIA-HUNGARY.

DOOR OR WINDOW LIFTER.

SPECIFICATION forming part of Letters Patent No. 671,554, dated April 9, 1901.

Application filed March 28, 1900. Serial No. 10,529. (No model.)

To all whom it may concern:

Be it known that I, HEINRICH HEISLER, manufacturer, of Chrast, in the Empire of Austria-Hungary, (whose post-office address is HEINRICH HEISLER, manufacturer, of Chrast, in the Kingdom of Bohemia, Empire of Austria-Hungary,) have invented certain new and useful Improved Door or Window Lifters, of which the following is a specification.

The present invention relates to a device for lifting doors, windows, and the like, and is intended specially for raising, without great effort, heavy doors or windows on their pin-and-socket hinges, without the need, however, of completely lifting one portion of the hinge off the other, for the purpose of lubricating the parts with ease.

The invention consists in the novel construction, arrangement, and combination of parts, as hereinafter fully described, illustrated in the drawings, and particularly pointed out in the claims.

The device is represented in the accompanying drawings.

Figure 1 represents the device in position ready for use, and Fig. 2 shows the door or window raised and held in that position by the device, ready for lubricating.

The lifter consists of a base-plate *a*, on which is mounted a lever, pivoted at *c* in bearings *n*, secured to or formed out of the said plate, the shorter arm *b'* of which lever is inclined downward to the base-plate, the parts at the extremity being sufficiently thin to easily pass under the door *t* or window to be lifted. The longer arm *b²* of the lever is provided with an under vertical plate or downward extension *e*, having a hole or recess *o*, against which extension a bell-crank lever *w h*, provided with a hook-shaped projection *r*, is pressed by a spring *s*, said lever being pivoted at *i* in a block or bearings *m* on the plate *a*. The end *b'* of the lever is pushed under the door *t* and the longer arm *b²* is pressed downward by the foot, in conse-

quence of which the shorter arm *b'* of the lever will raise the door or windows on its hinges *d d*, but only to a certain height, until the lever-arm *b²* has been lowered sufficiently for the projection *r* to enter the recess *o*, thus holding the door in a raised position, Fig. 2. The lubrication of the hinges may now easily be attended to, after which the door is returned to its original position by pressing with the foot on the arm *h* of the bell-crank lever, thereby withdrawing the catch *r* from the recess *o*, thus liberating the lever *b² b'*.

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

1. The combination with a base-plate, of a double-armed lever pivoted thereto, the arms of said lever being of different lengths, a downward extension on the longer arm having a recess and adapted to serve as a stop to limit the throw of the said lever, and a device connected to the base-plate and adapted to engage within the recess when the longer arm of the double-armed lever is pressed downwardly, substantially as set forth.

2. The combination with a base-plate, of a double-armed lever pivoted thereto, the arms of said lever being of different lengths, a downward extension on the longer arm having a recess and adapted to serve as a stop to limit the throw of the said lever, a bell-crank lever pivoted to the base-plate and one arm of the latter lever having a hook-shaped projection adapted to engage within the recess when the longer arm of the double-armed lever is pressed downwardly, and a spring arranged beneath the other arm of the said bell-crank lever and normally pressing said arm upwardly.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HEINRICH HEISLER.

Witnesses:

ADOLPH FISCHER,
FERDINAND FIALA.