

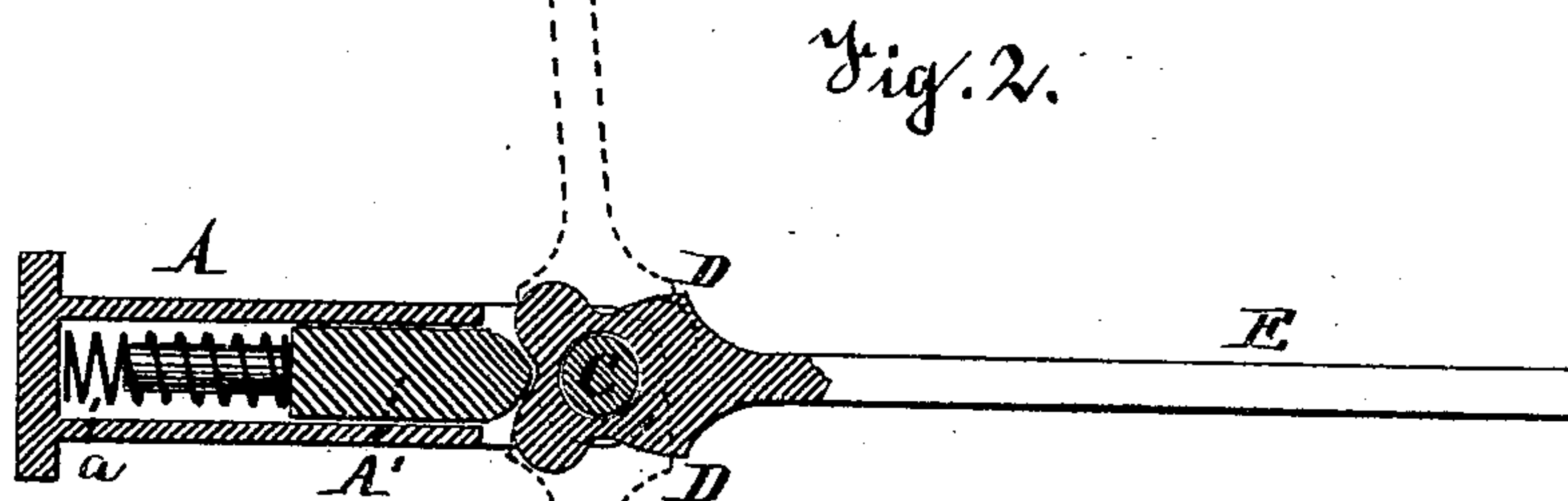
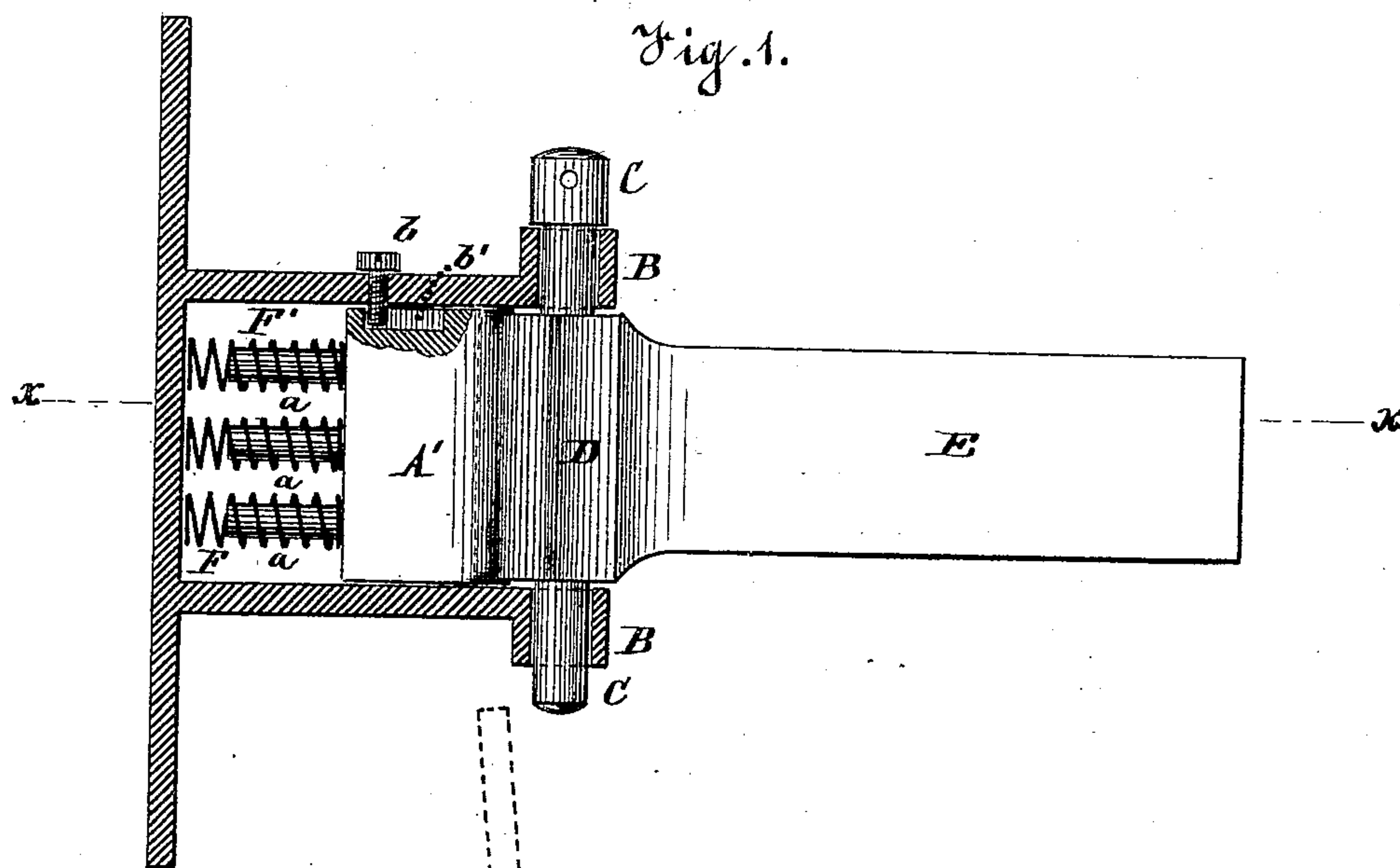
(No Model.)

A. MÜLLER &amp; J. WOLF.

LOCK HINGE FOR SHUTTERS.

No. 267,448.

Patented Nov. 14, 1882.



WITNESSES:

fol. 11. Rosenbaum.  
Otto Risch.

INVENTOR

INVENTOR  
August Möller  
and Josef Wolf  
BY Paul Geipel  
ATTORNEY

ATTORNEY

# UNITED STATES PATENT OFFICE.

AUGUST MÜLLER AND JOSEF WOLF, OF NEW YORK, N. Y.

## LOCK-HINGE FOR SHUTTERS.

SPECIFICATION forming part of Letters Patent No. 267,448, dated November 14, 1882.

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

*To all whom it may concern:*

Be it known that we, AUGUST MÜLLER and JOSEF WOLF, both of the city, county, and State of New York, have invented certain new and useful Improvements in Shutter-Hinges, of which the following is a specification.

Our invention relates to an improved shutter-hinge, having the object of keeping the same automatically closed, half open, or entirely open, without having any catches or other devices fastened to the window-sill or the walls; and it consists in the various devices herein described, and pointed out in the claim.

In the drawings, Figure 1 is a side elevation with part section of our improved automatic shutter-hinge, and Fig. 2 is a horizontal section of the same on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

In the accompanying drawings, A is a casing, which is screwed to the frame of the window or other place, and provided at its outward end with short sockets B to support the pintle C, which is passed through the center of a socket, D, at the end of the shutter-strap E.

In the casing A slides a bolt or follower, A', which is forced in outward direction by spiral springs *a*, interposed between the casing and the follower. The outer end of the follower A' is made convex, and adapted to fit into the concave grooves of the socket D, so as to engage and lock the shutter as soon as the socket is brought into such a position that the bolt A' is opposite one of the concave grooves of the socket D. By adding more grooves to the latter the shutter can of course be held in as many more different angles of inclination to the window.

The casing A is provided with a fixed screw stop or pin, *d*, which projects into a top or bottom recess, *b'*, of the follower A', so as to control the outward motion of the follower and prevent it being thrown out of the casing when the shutter is removed from its hinges.

Our improved automatic shutter-hinge can also be applied to doors, gates, &c. It is obvious that the hinge holds the shutter firmly in any desired position, preventing the moving of the same by wind or other agencies, and locking it entirely automatically without any other attachments to walls, sills, &c.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

As an improvement in lock-hinges, the mechanism consisting of a supporting-casing provided with pintle-sockets, a follower with one end resting on springs, the other end made convex to fit concave grooves of the strap, and having a recess in one side, into which a screw-stop projects, so as to control the outward motion of the follower, and a strap with a pintle-socket and concave grooves at its pintle end, whereby the shutter may be automatically held in as many positions as there are concave grooves, substantially as described.

In testimony that we claim the foregoing as our invention we have signed our names in presence of two subscribing witnesses.

AUGUST MÜLLER.  
JOSEF WOLF.

Witnesses:

PAUL GOEPEL,  
CARL KARP.