

(No Model.)

F. F. BOEGNER.
ALARM.

No. 478,982.

Patented July 19, 1892.

Fig: 1.

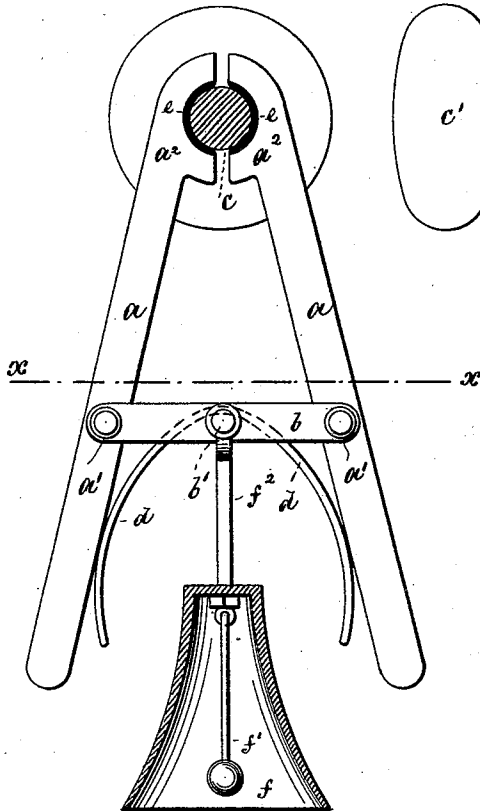


Fig: 2.

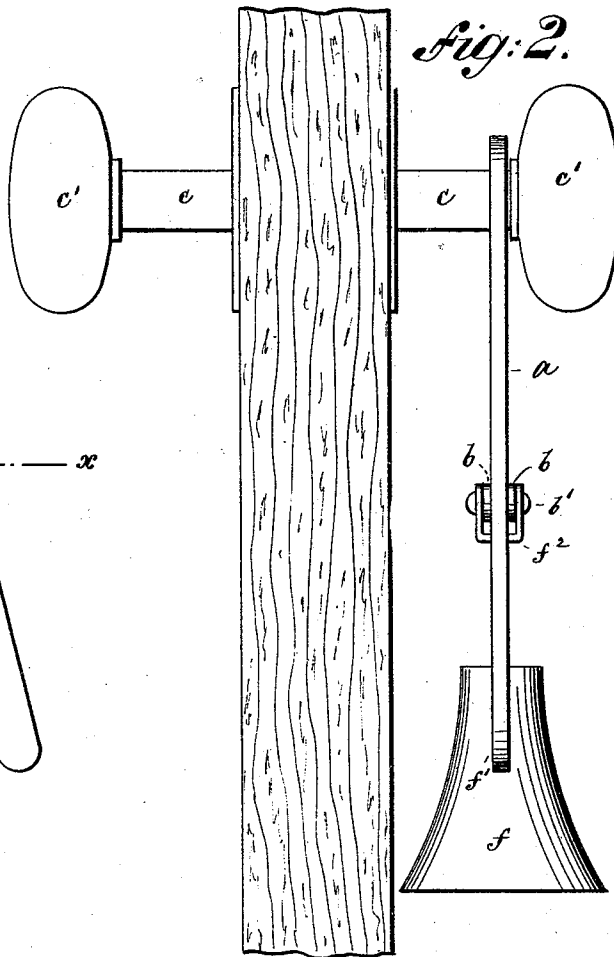
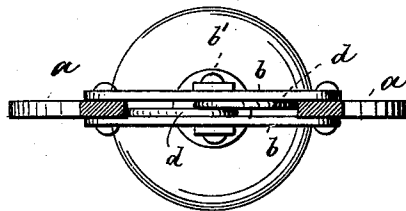


Fig: 3.



WITNESSES:

A. Schehl.
Wm. Schulz.

INVENTOR

F. F. Boegner
BY *Roester & Priesen*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

FRANZ F. BOEGNER, OF NEW YORK, N. Y.

ALARM.

SPECIFICATION forming part of Letters Patent No. 478,982, dated July 19, 1892.

Application filed April 1, 1892. Serial No. 427,326. (No model.)

To all whom it may concern:

Be it known that I, FRANZ F. BOEGNER, of New York city, New York, have invented an Improved Alarm, of which the following is a
5 specification.

This invention relates to an alarm adapted to engage the spindle of a door-latch and to be sounded by the turning of the door-knob.

It consists in the various features of improvement more fully pointed out in the claim.

In the accompanying drawings, Figure 1 is an elevation of my improved alarm; Fig. 2, an end view thereof; and Fig. 3, a cross-section on line *xx*, Fig. 1.

15 The letters *aa* represent two converging levers turning on pivots *a'* of a pair of cross-arms *b* and terminating on top in a pair of semicircular jaws *a²*. These jaws are held against the spindle *c* of the door-latch by a
20 curved spring *d*, that bears with its ends against the free ends of the levers *a*. The spring *d* is coiled around a pin *b'*, passing

through the center of arms *b*. From this pin there is suspended by a forked stem *f²* a bell *f*, having the usual hammer *f'*. The jaws 25 *a²* may be provided with a suitable cushion or packing *e*. Normally the bell hangs in line vertically below the spindle *c*; but when the spindle is revolved by either one of its knobs *c'* the levers *a*, which are tightly held thereto, 30 will assume an inclined position. This will cause the hammer *f'* to be thrown against the bell, so as to sound the same.

What I claim is—

The combination of a pair of converging levers 35 *a*, having concave jaws *a²*, with the connecting-arm *b*, to which the levers are pivoted, a spring *d* for forcing the jaws *a²* together, and a bell *f*, suspended from the connecting-arm, substantially as specified. 40

FRANZ F. BOEGNER.

Witnesses:

F. V. BRIESEN,
A. JONGHMANS.