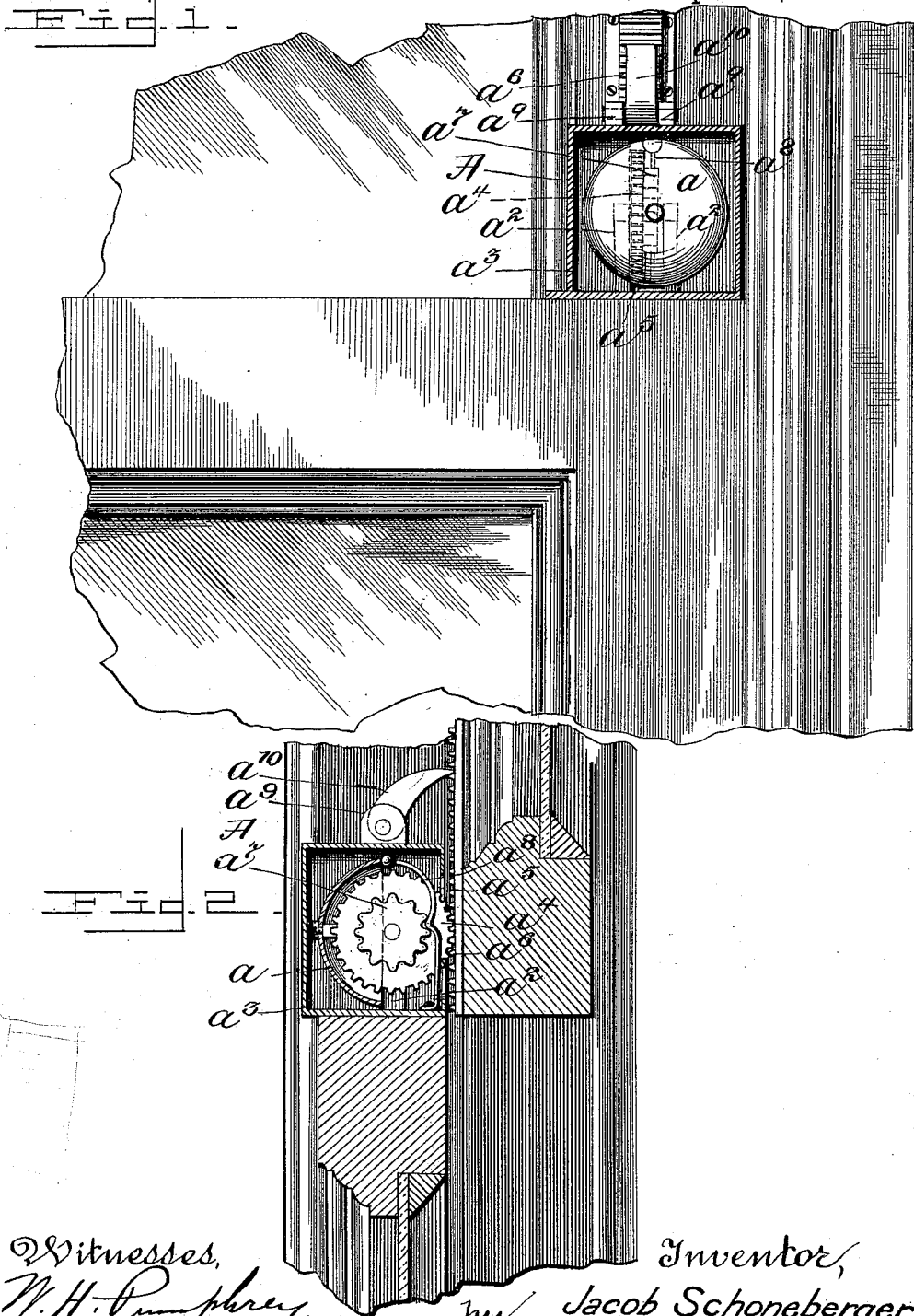


(No Model.)

J. SCHONEBERGER.
WINDOW SASH BURGLAR ALARM.

No. 538,128.

Patented Apr. 23, 1895.



Witnesses,
W. H. Humphrey
H. Holgate

Inventor,
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his Attorney.

UNITED STATES PATENT OFFICE.

JACOB SCHONEBERGER, OF BROOKLYN, NEW YORK.

WINDOW-SASH BURGLAR-ALARM.

SPECIFICATION forming part of Letters Patent No. 538,128, dated April 23, 1895.

Application filed October 2, 1894. Serial No. 524,770. (No model.)

To all whom it may concern:

Be it known that I, JACOB SCHONEBERGER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in a Combined Window-Fastening and Burglar-Alarm, of which the following is a specification.

This invention relates to burglar alarms.

10 The object is to produce a device of simple and inexpensive construction, and that may also by the addition of a pawl be used as a combined window fastening and alarm by which a window may be secured in a closed
15 position and a signal sounded upon its being opened.

With this object in view, the invention comprises a toothed wheel rotatably mounted upon the lower sash of a window and engaging a rack bar upon the upper sash, and a bell supported adjacent the wheel, the clapper thereof being actuated by projections upon the wheel.

25 The invention is illustrated in the accompanying drawings, forming a part of this specification, in which like letters of reference indicate corresponding parts in both views.

30 Figure 1 is a view in front elevation of one embodiment of the invention with the front plate of the casing removed. Fig. 2 is a view in side elevation, with the casing broken away.

35 In the drawings: A represents an alarm, designed to be secured upon the upper rail of the lower sash of a window, comprising a gong a supported upon standards or posts a^2 fixed within a box or casing a^3 . Rotatably mounted between the standards is a toothed wheel a^4 which projects through a slot a^5 in the wall
40 of the casing into engagement with the rack bar a^6 fixed to the side rail of the upper sash. Integral with or fixed to the wheel, is a toothed

disk a^7 , which, upon rotation of the wheel, engages and trips a spring clapper a^8 causing it to strike the gong and sound an alarm. Between lugs a^9 upon the casing a pawl a^{10} is pivoted, in a manner to be thrown in or out of engagement with the rack bar by which the sash may be locked against being raised or lowered.

50 In use, it will be obvious that the alarm is always set and operates independent of the fastening, so that should the pawl be accidentally or intentionally disengaged from the rack upon raising or lowering the sash the
55 signal will sound.

The advantages of this invention lie in its extreme simplicity of construction, low cost of manufacture, effectiveness in operation and the convenience and readiness with which it
60 may be applied.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An alarm comprising a toothed wheel rotatably mounted upon the lower sash of a window and engaging a rack bar upon the upper sash, a bell supported adjacent the wheel, the clapper thereof being actuated by projections upon the wheel, as specified.

2. An alarm comprising a toothed wheel rotatably mounted upon the lower sash of a window and engaging a rack bar upon the upper sash, a bell supported adjacent the wheel, the clapper thereof being spring held and
75 adapted to be actuated by projections upon the wheel, substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

JACOB SCHONEBERGER.

Witnesses:

JAS. REYNOLDS,
CHAS. KROECK, Jr.