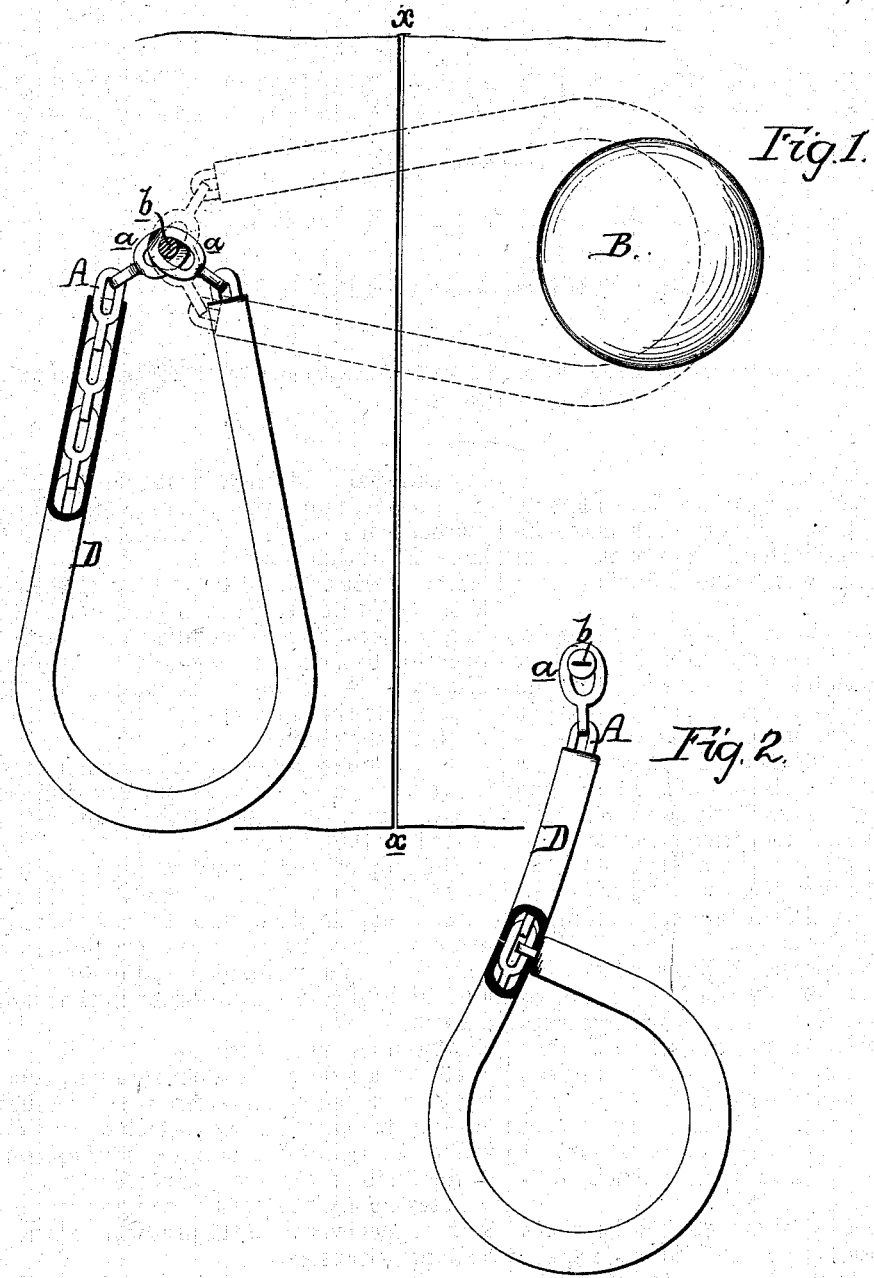


R. E. DIETZ.
DOOR RETAINER.

No. 186,319.

Patented Jan. 16, 1877.



Witnesses.
Hermann Moessner
Henry Smith

Robert E. Dietz
by his Attorneys.
Howson and son

UNITED STATES PATENT OFFICE

ROBERT E. DIETZ, OF NEW YORK, N. Y.

IMPROVEMENT IN DOOR-RETAINERS.

Specification forming part of Letters Patent No. 156,319, dated January 16, 1877; application filed December 20, 1876.

To all whom it may concern:

Be it known that I, ROBERT E. DIETZ, of New York city, State of New York, have invented a new and useful Improvement in Door-Retainers, of which the following is a specification:

The object of my invention is to make a device which, in conjunction with the knob of an ordinary door-latch, will serve to retain the door, and at the same time permit it to be opened to an extent sufficient to permit a conversation between parties on opposite sides of the door; and this object I attain by means of a looped chain, covered with soft material, and fastened to the door-frame, the loop being applied to the knob of the door.

In the accompanying drawing, Figure 1 represents my improved door-retainer, and Fig. 2 a modification of the same.

A chain, A, composed of links of any desired construction, has at each end an eye, *a*, for the reception of a screw, *b*, which serves to secure the said two ends of the chain to the frame of the door in a position adjoining the knob B of the usual latch-bolt. The chain thus secured to the door-frame forms a loop long enough to be passed over the handle, on the neck of which it can rest, as shown by dotted lines in Fig. 1.

While the loop of chain should be short enough to effectually prevent the wide opening of the door, it should be sufficiently long to allow a slight opening, large enough to permit a conversation between parties on opposite sides of the door.

I prefer to cover the chain with soft yield-

ing material. Leather, for instance, will serve the purpose; but the chain may be most easily clothed with rubber by introducing it into a tube, D, of that material.

The object of this soft clothing of the chain is threefold: first, it retains the loop of chain in a proper distended condition for ready application to the knob; second, it prevents the disagreeable rattling of the chain; and, third, it prevents the abrasion of the neck of the knob by the chain.

When the retainer is not in use it may be hung down, as shown in the drawing, so as to be clear of the edge of the door. (Represented by the line *x x*.)

The loop or chain may be made as shown in Fig. 2, which will be readily understood without explanation; in fact the chain may be arranged in different ways, providing it be constructed for attachment to the door-frame, and for application to the knob in the manner described.

I claim as my invention—

The within-described door-retainer, consisting of a looped chain covered with rubber or other soft material, and attached to a door-frame, the loop being adapted for application to the knob of the door, as set forth.

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

ROBERT E. DIETZ.

Witnesses:

JOHN CANNON,
WILLIAM H. DEHART.