

(No Model.)

C. E. VAN NORMAN.  
KEY HOLDER.

No. 409,255.

Patented Aug. 20, 1889.

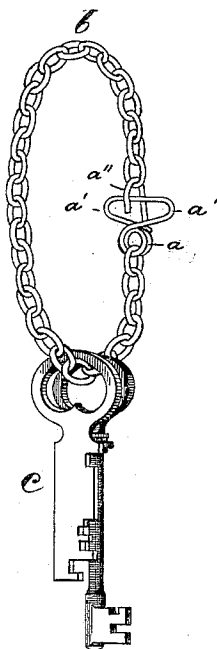


Fig. 2.

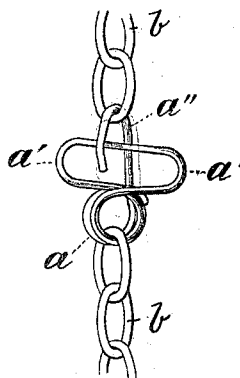


Fig. 1.

Witnesses:  
Selma R. Schelin.  
Geo. W. White

Inventor:  
Charles E. Van Norman.  
by Allen, Audrieu, Kinatt

# UNITED STATES PATENT OFFICE.

CHARLES E. VAN NORMAN, OF WALTHAM, MASSACHUSETTS.

## KEY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 409,255, dated August 20, 1889.

Application filed January 24, 1889. Serial No. 297,341. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES E. VAN NORMAN, a citizen of the United States, and a resident of Waltham, in the county of Middlesex and State of Massachusetts, have invented  
5 new and useful Improvements in Key-Holders, of which the following, taken in connection with the accompanying drawings, is a specification.

10 This invention relates to improvements in key-holders; and it is carried out as follows, reference being had to the accompanying drawings, wherein—

15 Figure 1 represents a detail perspective view of the improved key-holder and Fig. 2 represents it in use on a chain having keys suspended thereon.

20 Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

The improved key-holder is preferably made of bent wire, and has in its lower end a loop or eye *a* adapted to be connected permanently to one end of the chain *b*, on which  
25 the keys *c* are located. Above or near the loop or eye *a* the wire is bent in the form of a laterally-projecting loop enlargement or cross-bar *a'*, which serves as a means for preventing the keys from dropping off the chain  
30 *b* when the other end of the latter is tempo-

rarily detached from the key-holder while keys are being removed from or placed on the said chain. One end of the eye *a* extends upward in the form of a spring hook, clasp, or bail *a''*, the bend of which serves for connecting to it one end of the chain *b*, as shown, and the free end of said hook is adapted, preferably, to lie in contact with the cross-bar or lateral extension *a'* with a proper amount of yielding spring-pressure, so as to prevent  
40 the chain end from being detached from the bail or hook *a''* except when manipulated by the operator for such purpose.

What I wish to secure by Letters Patent, and claim, is— 45

The key-holder consisting of chain *b*, the locking device, as described, having an eye *a* attached to one end of said chain, a cross-bar or lateral extension *a'*, and a spring bail or hook *a''*, adapted to be locked to the opposite end of the said chain, substantially as  
50 and for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 22d day of  
55 January, A. D. 1889.

CHARLES E. VAN NORMAN.

Witnesses:

ALBAN ANDRÉN,  
JOSEPH H. POPE.